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## COLMAN'S RURAL WORLD.

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Subscribers must bear in mind that the subscription price of the RURAL WORLD is one dollar a year, and that we do not receive single subscriptions for a less sum, but in our constant effort to enlarge our circulation, we do allow old subscribers to take actually NEW subscribers at the fifty-cent rate, adding a new name with their own for one dollar, and other new names at fifty cents each, but in no case do we accept two OLD subscribers for one dollar. We are willing to make a loss on a new subscriber the first year, believing he will find the RURAL WORLD indispensable ever atter. We also send the RURAL WORLD in conjunction with either the twice-a-week "Globe-Democrat" for one dollar and fifty cents a year, and new subscribers may be added at the fifty-cent rate. Published at this remarkably low price-at less than actual cost—all subscribers must see the necessity of our dropping from our subscription list every name as must see the necessity of our dropping from our subscription list every name as see John Jones, Nov. of, it indicates that the name will drop from the list at the and of November, and if he wishes to continue to receive it, he must renew his subscription. If he would do it is a freshness of style in this book that makes us think of spring breezes. It simulates thought we most heartily recommend the book to our readers. Published by the Parmer. subscription. If he would do it a week or two in advance, it would save us the troutwo in advance, it would save us the trouble of taking his name off the list and again putting it in type, when he renewed, which frequently causes mistakes. This is the season to push the good work of getting new subscribers. Show your neighbors a copy of the RURAL, WORLD, call their attention to the large amount of fresh, original, entertaining and instructive reading matter contained in each issue; tell them of our large number of intelligent correspondents, and how of a cent on uncolored goods.

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to Ideal, st strains. , Pawnee, ickens.

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OF SMOKE
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Send for cirMilton, Pa

ARING IINE

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tted with the itewart Shear Machine. No shear by had othing. Don't schine, and see PER HEAD. of shearing. shearing.

The control of the property of the control of the c

When some farm products sold so low and corn so high, we are inclined to sak if it were a drouth year. It is good for use at times to know what others had to do and why they did so. A year of drouth does compel self-denial, but in our day a good crop following a crop failure will enable a farmer to get on a good financial basis; and things that are luxuries in the year of fruitful harvest almostnecessities.

THE FARM END OF COMMERCIAL

THE MIDDLE SOUTH

THE FARM END OF COMMERCIAL

THE FARM END OF COMM

### CROP GROWING AND CROP FEEDING.

soon as the year paid for expires. Thus ing Fertilisers on the Farm are most valuable. There is a freshness of style

### OLEO LEGISLATION.

cach issue; teil them of our large number of intelligent correspondents, and how highly you appreciate its weekly visits and of the low cost at which it can be received. If our readers will spend but a portion of one or two days in enlisting in this work they can easily add more than fifty thousand new names before the first of January! Who will engage in this work? Will not each reader, male and female, young and old, go into the field at once and see how much he can do to help not only the farmer, but the cause of progressive agriculture?

On Monday, Jan. 20, and the night following, snow fell in the central portion of the Mississippi Valley, including Illinois, Missouri, Iowa, Nebraska and Kansas, and by Tuesday morning this region was covered with a bianket that will be of immense value to the winter wheat and ryo and the pastures. The But, most important of all, there was in first proportion. The uncolored goods.

The other division, led by Representative Two of a cent on uncolored goods.

The other division, led by Representative Two of the Tawney, also of Minnesota, is contending for the Taw

In an action of the secured and bordone, and, and are many not be secured and bordone, and any not be secured and bordone, and any not be secured and bordone, and the secured and bordone, and any not be secured and bordone, and the secured that the secured and bordone, and the secured a

them are in the form of the orchardist's own labor.

But it would never do to charge up all these items, allowing the orchardist pay for his expert survices that would compare say with the income a commission man expects his business to yield him, and make the selling price of the apples meet not only these, but the fil per barrel of expense that Mr. Kiely figures on. Of course the consumer will pay the price that will cover that \$1-he has to, or he would get no apples; the commission ran, the railroad man and the apple buyer will see to this—and if the crop is short, enough more to partly cover liber of production; but when the crop is big what he pays over and above the \$1 per barrel is usually a very small sum, and whatever that sum, if only 10 cents per barrel, it is regarded as clear gain by the farmer. And that same reasoning is applied in large measure to the production and sale of nearly all farm crops, often by farmers themselves. Statistics hased on such premises are not correct, and a business that is hampered by such conceptions can not be prosperous.

## ALFALFA IN SOUTH MISSOURI.

there has been, in our case, some "ex-tenuating circumstance," as when I stop to write the farm stops. I did last winter send some notes from this section that were kindly received and stirred up some interest in regard to land in South-ern Kentucky. I received several let-ters from different parts of the country, and in this will endeavor to answer in a general way some of the questions asked that have already been answered in a per-sonal way, and later on will tell how I

two miles of my farm. I believe fewer churches, better supported, would be bet-ter for all.

One might gain the idea from Brother Charles' last letter that one must use large quantities of fertilizer here. My

### EDUCATING FARMERS.

Editor RURAL WORLD: The short Editor RURAL WORLD: The short course in agriculture at the University of Tennessee opened up on January 3 with a good attendance and bright prospects for the ensuing term. As many students found it impossible to secure all the information they desired in one term of ten weeks, a second year's work has been introduced. The boys are kept pretty busy, being engaged from 8 o'clock in the morning until 6 at night, with an hour and a half for dinner. Each week, during the first year, they receive instructions in the following subjects:

Agricultural chemistry, 2 hours; horticulture, 6 hours; breeds, breeding and

denly in December, there was rape in that field two feet high. One of my neight of course apparent and especially is it true in this age of competition, when frauds are so frequently practiced on the farmer. Think of a farmer paying \$25 to \$28 a ton for fertiliser containing 2 to 4 per cent of potash and other ingredients in like proportion. If he applied 100 pounds of this mixture to the acre he would be putting from 2 to 4 pounds of potash, an amount extertly inadequate to supply the needs of any farm crop, and yet he is paying any farm crop, and yet he is paying a phish enough price to secure a fertilizer containing 15 to \$2 pounds of potash and the food ingredients in the proper containing 15 to \$5 pounds of potash and the food ingredients in the proper containing 15 to \$5 pounds of potash and the food ingredients in the proper proportion if he had only known how to mix it himself. Certainly it will pay the farmer to learn through the short course about these things.

ANDREW M. SOULE, Professor of Agriculture. Knoxville, Tenn.

PETTIS COUNTY, MO., NOTES.

Editor RURAL WORLD: Since the serve weather previous to the holidays we have had delignifical weather. Much plowing is being done and all stock thriving with moderate feed. Occasionally we learn of the death of a horse, mule or a few cattle, which is attributed to some forcelled with the cort forder.

T. B. WILLIAMSON.

few cattle, which is attributed to some

few cattle, which is attributed to some foreign matter in the corn fodder.

There has been an unusual loss by black leg during the last four months. There is no disease among the hogs.

There is no disease among the hogs.

There are very few heavy hogs in the vicinity. Light hogs are offered continually on account of high-priced feed.

The season has been exceptionally favorable for making farm improvements. It is encouraging to see farmers utilizing their time in improving buildings and fences and in hauling and spreading manure, as it is accumulated on the farm, and to see the hedges trimmed and the brush hauled and carefully placed in the small washes so that with a little attention the present shameful guilles may be avoided in the future. We expect to burn no brush of any sors in the future, so long as there are washes on the farm that can be stopped by hauling brush and filling them. The value of our country in the years to come depends very much on the care we give our own farms from this time forward. Even now striking contrasts are seen in farms

must bury, bury so deep that there is no with a "business education," as we no danger of the body being exhumed; often hear the expression, will find the but, better, burn until the carcass is thoroughly cooked, through and through, and then, says the doctor, "the meat may be fed to hogs or fowls, with no danger of infection."

C. D. LYON.
Ohio. fully short on business education. Let us begin the New Year with a careful invoice and see where 1905 finds us. W. D. WADE.

Pettis County, Missouri.

### AN ARKANSAS LETTER.

Editor RURAL WORLD: This section Editor RURAL WORLD: This section, Green county, in common with other portions of the country, surfered much from the drouth; not so much, perhaps, as some others, as most of the farmers made enough feed to pull through with. But there will be a great deal of poor stock by the time spring opens.

I have a nice patch of winter turf oats sown September 1, on which my cowe are

the first year, they receive instructions in the following subjects:

Agricultural chemistry, 2 hours; horticulture, 6 hours; breeds, breeding and feeding, 3 hours; farm crops and farm management, 2 hours; mechanic arts and management, 2 hours; mechanic arts and wood working, 4 hours; weterinary science, 6 hours; dairying, 15 hours; stock judging, 10 hours, a total of 48 hours a week.

The boys who have entered the course in the past have almost without exception returned to engage in farm work, and the demand for trained men is much greater than the supply. The short course in agriculture is simply a school of practical experience where all who choose may gain sown September 1, on which my cows are

experience where all who choose may gain logs was just doing its level best on it useful information relating to the best agricultural practice.

The need of education on the farm is of that field two feet high. One of my neigh-

Lyon, please tell us

# The Dairy

DAIRY CONVENTION DATES.

Nebraska Dairy Association, Lincoln, Jan. 22-24, 1962. Michigan Dairymen's Association, Lan-sing, Feb. 4-6, 1962. Ohio Dairy Association, Columbus, Feb.

5-7, 1902.
Wisconsin Dairymen's Association, Menomone, Feb. 12-16, 1902. G. W. Burchard, Secretary, Fort Atkinson, Wis.
Kansas State Dairy Association, at Manhattan, Kan., March 4, 8, 6, 7, 1902. T.
A. Boreman, Secretary, 565 Polk street, Toucke, Kan. 5-7, 1902.

A. Boreman, Topeka, Kan.

## A DIFFICULT QUESTION.

Dr. J. E. Blackburn, Ohlo's Dairy and food Commissioner, says in his fifteenth annual report for year ending Nov. 15, 900, a copy of which has just come to our

coming before this department for satis-factory solution is what is familiarly known as the 'oleo question.' No one question affects so many people, no one

question affects so many people, no one question is so bitterly fought and contested in every way on either side, and no one question is pressing so vigorously for satisfactory solution as this."

When state officials find a question so difficult of solution, it becomes all the more important that the federal government be appealed to for a solution; in fact, we believe that practically the oleo "question" will be solved only by the federal government, and hence the necessity eral government, and hence the necessity for urging the passage of the Grout Bill.

In an article on this page M. E. King, a frequent RURAL WORLD contributor, points out very clearly how and when dairying is drudgery. We are forced to admit, with Mr. King, that in the majority of cases dairying is aptly described when it is spoken of as drudgery, as much so as any line of farm or any other work that we know of; and yet, agreeing again with Mr. King, it is the fault of the dairyman and not of dairying when it is so. Instead of being the most drudging of farm work, it can be made almost the least so if the proper degree of intelligence and skill be put into the work. Did it ever occur to the reader that dairying offers one of the widest of fields for the exercise of knowledge that is act. for the exercise of knowledge that is afforded in the world's activities? And any line of work that demands large intelligence is not drudgery if only the demand is met. Think of what a dairyman should know regarding the soil of his farm; of plants that he can produce from this soil for use as cow feed; of the methods of culture best adapted to secure the largest crops of these plants; of the cow as a machine for converting these crops into milk; of the physical and chemical character of this milk; of the processes by which the butter fat in the milk is got out; of the ripening process of cream; then milked and cared for the milk, and for the exercise of knowledge that is af- Lack of system.

Editor RURAL WORLD: On January 7 I took the morning train for Freeport, where the dairymen of our great state were gathered for the twenty-seventh time. Having to change cars at Mendota, I took the opportunity offered by a two-hour wait to visit the factory of Tower Brothers, who are making a line of pulverisers and surface cultivators. I found the men working full time putting out the men working full time putting out 7,000 of the cultivators, and about one-half of that number of pulverizers. The eper told me that the sales of cultivators in the home county averaged over 500 yearly. We have three of these cultivators and think them the best pos-

will keep in the silo indefinitely.

2. Corn can be made into sliage at less expense than it can be preserved in any other form.

3. The silo preserves absolutely all but the roots of the corn.

5. M. Wentworth was there, filling a considerable portion of the space, but to good advantage, for, as usual, he was brim full of fun and facts. John Newman, our president; Geo. Carver, secretary of the Association, both well known in dairy direles; Millsr Purvis, of the "Dairy and Creamery Journal;" Thurston, of "The Farmer's Review;" Sudendorf, of "No Mud" fame; Prof. Farrington, of the Wissensia of Mud" fame; Prof. Farrington, of the weather.

2. Corn can be made into sliage at less expense than it can be preserved in any other form.

3. The silo preserves absolutely all but the roots of the corn.

4. Siliage can be made in sunshine or in rain. Unlike hay, it is independent of the weather.

5. When corn is ready for the silo there is but little farm work pressing.

6. Corn is worth more to the dairy as siliage than in any other form.

7. At least one-third more cow per acre may be fed on slage than on dried corn. salks or fodder.

8. Corn is defined into slage at less expense than it can be preserved in any other form.

The following is my creed: I believe in the diary cow. The dairy cow. The d Mud" fame; Prof. Farrington, of the Wis-Agricultural College; Professors consin Agricultural College; Professors Frazer and Erf, of our own college, and many other good men were on hand. The meeting was well attended and good in-terest shown throughout the three days. The conclusions arrived at were that

## Torpid Liver

s responsible for difficult digestion, that is, DYSPEPSIA.

When it is

skim milk has a greater value than it was usually credited with; that the special purpose cow is the one that will yield the greatest profit; the silo is the coming source of dairy and feed lot succulent food for the winter months; we must educate our boys and girls in such a way they will stay on the farms.

Your correspondent found on looking over the dairy butter scores that the private dairymen of Illinois will have to visit the Missouri Dairymen's Association meeting to learn how to make high-scor-

meeting to learn how to make high-scor-

ing butter. "Why not Missouri?" On returning home I found on my desk several invitations to address farmers' in-

WHEN DAIRYING IS DRUDGERY.

In an article on this page M. E. King, a frequent RURAL WORLD contributor, points out very clearly how and when dairying is an any other business. Would a merchant, manufacturer, or any produirying is grudgery. We are forced to admit, with Mr. King, that in the majority of cases dairying is aptly described without giving his business the closest will will be spoken of as drudgery, as step to success on the farm and in the first made of Maine and New Hampshire in and constant attention in all of its details, and in this respect it is no more this state, Ayrshire cows have won a constant, manufacturer, or any produced the second of the same state, without giving his business the closest will will be spoken of as drudgery, as step to success on the farm and in the Hampshire in and so of Maine and New Hampshire in and constant attention in all of its details, and in this respect it is no more this state, Ayrshire cows have won a constant attention to find the state, and this state, Ayrshire cows have won a constant attention to in all of its details, and in this respect it is no more this state, Ayrshire cows have won a constant attention to find the state, and this state, and the state, and t

ripening process of cream; then milked and cared for the milk, and is converted into butter; of by the time all the work was done it was of how this is converted into butter; of the chemical, physical and vital forces that he is in contact with every step of the way from the planting of the seed to the forming of the butter into a pound print. Can that be drudgery that demands the knowledge of and skill to matipulate such forces? True, dairying is work that must be attended to daily; the cows must be milked twice a day and fed as often, and every day brings its quota of duties to be performed by the dairyman.

And so, too, it is encumbent on some one, principally the wives and mothers of the human race, to prepare three times daily 365 days in the year, and every year of our lives, the food that sustains us. Is this drudgery? To some, yes, but time our teams leave the field at five year and number of colors in links, state year, and system and number of clocks in links, state year of our lives, the food that sustains us. Is this drudgery? To some, yes, but not to the loving mother who realizes how tremendously the weal or woe of her children may be affected by the character of the food they eat. No work is drudgery into which intelligence and skill rare put.

THE ILLINOIS DAIRYMEN

In Twenty-seventh Annual Meeting at Freeport January 7, 8 and 9, 1992.

Editor RURAL WORLD: On January 7 I took the morning train for Freeport, where the dairymen of our great state were gathered for the twenty-seventh times. Having to change cars at Mendota, I took the opportunity offered by a two-

## REASONS WHY A SILO PAYS.

The "Jersey Bulletin" presents the following as ten good reasons why there is profit in having a silo: 1. The silo stores away corn more safe-

ly and more permanently than any other plan. Silage is practically fireproof, and will keep in the silo indefinitely. 2. Corn can be made into silage at less

corn-stalks or fodder.
8. Corn is fed more conveniently as

silage than in any other form.

9. Silage is of most value when fed in combination with other food richer in protein. It is not a complete food.

10. Owing to its succulence and bulkiness, silage is the best-known substitute for green grass, and is therefore especially valuable as a winter food. silage than in any other form.

## SANITARY MILK.

We know of no better plan for the manufacturer of sanitary milk than the what fits of despondency,
What fears of imaginary evils, conduce with the distress after eating, the sourness of the atomach, the bad taste in the control of the stomach, the bad taste in the control of the stomach of of iron, and the barn is so arranged that everything can be easily cleaned and flooded every day. The udders of the case of Mrs. Jones, 2320 N. 12th St., Philadelphia, Pa., who was a great sufferer. Her statement made in her 77th year is that she was completely cured of it and all its attendant aches and pains, as others have been, by a faithful use of Hood's Sarsaparilla. That acts on all the digestive organs. Cured dyspepsia, and gives permanent vigor and tone to the whole system.

Hood's Tractical liver life, B cents.

The Ayrshire cow, bred in Scotland for more than a hundred years, has always been a popular cow with those who have known her best, says the "Maine Farmknown her best, says the "Maine Farmer." For some reason unaccountable to
us, she has never made much progress in
winning the favor she richly deserves
among dairymen in our state. Many
years ago, a large herd of choice selections of the breed was introduced into the
State by the Shakers of New Gloucester.
Some of these were sold to individuals
and went out into towns in different
parts of the state, but soon disappeared
from public notice. Since that time a
few animais of the breed have been introduced, but up to the present have
made but liftle headway in numbers.
Yet we believe the Ayrshire breed of
cows is specially well adapted to meet
the conditions as found existing here in
our state. They are noted for their hardy
constitution which well fits them for en-

On returning home I found on my desk several invitations to address farmers' institutes, one at Emwood, Peoria county, and a farmers' club meeting at 8tillman Valley, Ogle county. By the way, I was married in that county away back in 1876 and have not since that time visited the county, so I will, no doubt, have a good time.

Our boys are making a winter record with the herd these days, with several of our best cows and helfers coming fresh each week. One helfer, a granddaughter of Old King Koffee, is producing over 37 prounds of milk daily. There are 18 cows and helfers due to calve within a month, and as to the demand for products, it was never better. "BUFF JERSEY."

Monmouth, ill.

DAIRYING A DRUDGERY.

Ever since the writer can remember he has heard of drudgery connected with dairying. Who has not heard it said, "Oh, dairying is drudging work?" or "I would not mind dairying if it were not for the drudgery?" I will admit that on many farms dairying is a never-ending and part of the state, but soon disappeared from public notice. Since that time a few animals of the breed have been introduced, but up to the present have made but little headway in numbers.

Yet we believe the Aryshire breed of cows is specially well adapted to mest to conditions as found existing here in our state. They are noted for their hardy constitution which well fits them for enduring our climate, and enables them to run on our rough hillsides and thrive on our prosent highly profitable as milk at a comparatively small outlay for feed. At the same time their milk is so balanced in its constituent elements as to bear fit if for human consumption in its whole form. While not so rich in but ter elements as that of some other of the drudgery?" I will admit that on many farms dairying is a never-ending animals. Their large shapely udders and from public notice. Since the way in the charges in the charge of the state, but soon disappeared from public notice. Since theat time a few animals of the breed have a few animals of the breed have a f Ever since the writer can remember he has heard of drudgery connected with dairying. Who has not heard it said, "Oh, dairying is drudging work?" or "I would not mind dairying if it were not for the drudgery?" I will admit that on many farms dairying is a never-ending drudge, but I also know from a long experience that it is the fault of the man in charge of it, says M. E. King in the "Dairying is a branch of farming that the said of the man in charge of it, says M. E. King in the "Dairying is a branch of farming that the said of the said of

H., and many others. Those who have attended the New England and the New Hampshire fairs could but have admired the fine animals of the breed shown by the Messrs. Hayes, every cow a typical

THE VALUE OF SKIM MILK.

What is skim milk worth? Who ty, Wisconsin, farmers who recently made answer in "Hoard's Dairyman," had all sorts of answers to make. of them said 10 cents a hundred, some said 20 cents. One man said 30 cents. It

said 20 cents. One man said 30 cents. It is true that this range from 10 cents to 20 cents represents the difference in the men and not the milk.

There is something wrong, and we know it with these ten-cent farmers. Every carefully conducted experiment on the feeding value of skim milk shows that they are wrong. C. P. Goodrich, the man who questioned them, made five pounds of pork from 100 pounds of skim milk. He also made ten pounds of pork from a bushel of corn. All this when fed to pigs weighing from 100 to 125 pounds. to pigs weighing from 100 to 125 pou Now, when he mixed the meal and the milk together he got eighteen pounds of pork, or a gain of 20 per cent. So much for doing a little good thinking and read-

H. B. Gurler of Illinois found that when pork is worth 14 a hundred live weigh, skim milk fed to pigs of 100 pounds weight was worth 25 cents a hun-dred.

Prof. Charles Curtiss, director of the

Prof. Charles Curtiss, director of the Iowa Experiment Station, has recently stated the following:
"Impress upon your patrons the value of skim milk as a food for swine. With pork selling at \$3.50 per hundred I have been unable to make skim milk fed to young hogs weighing less than 150 pounds bring less than 21 cents per hundred. When fed with corn meal or some other suitable grain ration it has brought, invariably, from 21 to 34 cents per hundred. This feature of the value of skim milk. been unable to make skim milk fed to young hogs weighing less than 150 pounds bring less than 21 cents per hundred. When fed with corn meal or some other suitable grain ration it has brought, invariably, from 21 to 24 cents per hundred. This feature of the value of skim milk cannot be too often called to the attention of the patron."

Now the above is a little of the evidence that these id-cent men are wrong. If they are telling the truth as to what it is worth to them, it is time they got out of that 10-cent rut and went to work to learn why and how they are losing of the great advancement of medical science."

out of that 10-cent rut and went to work to learn why and how they are losing from 10 to 15 cents a hundred on their skim milk. If the creamery was cheating them out of 10 cents a hundred on their milk, what a howl we would hear. But they will go along perfectly contented to cheat themselves, either on their judgment or on the value of the milk. Either one is not at all flattering to men who claim to be well posted dairymen.

## A CREED ON COWS.

# Rheumatic

# St.Jacobs0il

After all other remedies fail. Acts like magic!

# Conquers Pain

Price, 25c and 5oc. SOLD BY ALL DEALERS IN MEDICINE One word

to the greatest extent possible consistent with the retention of good stamins.

I believe in a straight beef cow. She should possess beef form in high excellence. This cow is not to be milked, but is to suckle her calf.

I also believe in the cow between these two extremes. A large, roomy cow of nice form that will be a good milker, that will fatten nicely when dry, and that will, when properly mated, produce a calf that will grow large and that will make good beef.

The place for this cow is the arable farm of good preduction, on which the

farm of good production, on which the farmer is desirous of securing a goodly supply of both milk and meat. The poor milkers that may from time to time show themselves ought to be turned off for beef as soon as their poor milking quali-ties are known.—Prof. Shaw.

### READING THE TEST TOO LOW.

We are pleased to note that Dairy Com-nissioner McConneil of Minnesota has se-ured a conviction against the butter-naker who read his test low in order to be able to pay a high price for butter fat and thus make a better showing than his ival creameries.

tion of our creamery men in this matter is sharpened. The maker thinks he saves his conscience because the farmers get all there is due to them, and forgets that riving any personal profit from his dis-honesty. It is to be hoped that this coniction will have a moral effect not only on the testers in Minnesota but in all other states as well, and we most heart-ly commend the Minnesota dairy author-

\$2.50 WORTH SENT FREE.

By Franklin Miles, M. D., LL. B., the Specialist in Diseases of the Heart, Nerves, Stomach and Kidneys.

Has Cured Hundreds of "Incurable Cases After Five to Thirty Physi-

When an experienced physician offer o give away his new treatments for dis-cases of the heart, nerves, stomach, or dropsy, it is conclusive evidence that he his liberality is certainly worthy of seri-

That Dr. Franklia Miles is one of the world's most successful physicians is proven by thousands of wonderful cures of well-known people. One patient cured after failure of eleven Grand Rapids

Prof. J. S. Jevell, M. D., editor of Prof. J. S. Jevell, M. D., editor of "Journal of Mestal and Nervous Diseases," Chicago, said: "By all means publish your surrising results." Rev. J. W. Stokesbury if Fairport, Mo., had head, heart, stoeach troubles and nervous prostration. Three physicians failed to help him. Hewrites: "I regard myself cured." Mr.C. Beck of Webb City, Mo., wrote a frind, "Dr. Miles treated me for mind troule, unnatural fears and great nervousnes. He cured me nine years ago."

NO CHNESE MILK.

A translation of an article in a Chinese paper for the Litrary Digest has the following about mil:

Man should m rob animals of their own proper food and of all animals the cow is the most valuable to man. The sellers of milk acken their souls for gain, but those no drink milk do so in the foolish belief int it is good for them. Before taking at medicine we should carefully investite its properties, and who does so in t case of milk? Milk is the natural food f babes and young animals; but when duits drink it, do they not thereby endager the life of the sucking calf, as arouse bitter resentment in the sou of the calf and its mother? Beasts ave not the power of speech, and so must tell men that by drinking cow's my they will become like quadrupeds.

If men must twe a strengthening draft, there are rhousand better things than milk, so we select that? Besides, the term of lifes forcerdained, and it cannot be prolosed by drinking milk. Everyone who ris this warning is especially enjoined, abstain from milk in the future. Chien whose parents will not allow them drink milk will not be stunted in grow, but will have their lives prolonged id be immune in epidemics. So it brocclaimed in the hall of good councit.

Methers will find \*\*, Wisslow's Boothing Systems of the country in the continues of the cont

Mothers will find \*s. Winalow's Soothing Syr-p" the best remody - Children Teething.

MACBETH—stands

There has always been a prejudice among breeders generally in favor of young bulls, but we regard it a mistake to pass by a well-tested sire that has shown his value by the superior quality of his get. The latter may prove a good sire and he may not; the test has to be made by the purchaser. A bull should be wigorous and useful until he is eight or ten years of age, if well cared for, and many experienced breeders claim that the calves sired by a bull after he has reached four years of age are better than those he has got when younger. If properly handled when young, a matured bull is the agent of the case with a bull two or three years older. However, it should not be forgotted by the given the purchaser. The argument made in favor of a young bull for the agent when younger. The argument made in favor of a young bull for the agent when younger in the total the has been in use for three or four years, he can then be sol. to go into another herd more readily than would be the case with a bull two or three years older. However, it should not be forgotten that the offspring of a proved sire may be worth enough more to offset what can be realized for the younger bull when he is parted with.—Exchange.

AT THE INDIANA STATE MEET-There has always been

AT THE INDIANA STATE MEET-NG.—Mrs. Charles Lamont, who has een a frequent winner in the dairy class Her place is on the range. She should I keamine the milk of each cow separatebe kept on the large farm where it is not ly, which frequently results in excluding practicable to milk the cows that may be the milk of one or two cows. This I consider important. Great care must be ex-ercised in all the details. In winter time the use of a starter is helpful. I have used a home-made skim milk starter, want the cream rich enough to me about two and a half pounds of butter vety, slightly acid consistency. Taxon

> TO CURE A COLD IN ONE DAY Take Laxative Bromo Quinine Tablets All druggists refund the money if it fails to cure. E. W. Grove's signature is on

The Guessing Game is Over

FENGE! STRONGEST

WE PAY THE FREIGHT. FACTORY TO FARM clesale prices. The bear earth. Catalogue free. Cleveland Fence Co., Cleveland, Ohio

THE BEST FENCE

for the worst stock is the Standard PAGE. Try it PAGE WOVEN WIBE FENCE CO., ADRIAN, MICH WIRE FENCE
steral wires, heavy hard steel stays
ring wire, Sure Grip look. In strength
see and durability, the Hard Steel can
colled. Write for catalogue and prices
trd Steel Wire Fence Co..
Cuyahoga Falls, Ohio.

DON'T READ 3 HIS





"CLINTON" ELECTRICALLY-WELDED WIRE FENCE

Strongest and Best No twints to rust. Does not sag. Especially suited for hog fencing. For rale by HARDWARE TRADE and by SOLE MANUFACTURERS. CLINTON WIRE CLOTH CO., 338 E. Lake Street, Chicago, III.

**ARE YOU WITH US?** 

THE DEALER IS ACAINST US because we sell you wire feare direct from the factory at wholessle prices.

The dealer does not give you a better fence than we do, but he charges you more for it. You can buy the

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ADVANCE FENCE COMPANY,







300,000 Machines in Use Ten Times All Other Makes Combi The Standard of All That's Best in Dairying in Every Country in the World. THAT'S THE HISTORY OF THE DE LAVAL CREAM SEPARATORS for new "20th Century" catal THE DE LAVAL SEPARATOR CO. OHICAGO. General Offices: PHILADELPHIA 109 & 105 Mission St SAN FRANCISCO 74 CORTLANDT STREET, NEW YORK.





Quality of work and simplicity in construction unequaled. Increase yield ten to twenty-five per cent.

Write for our "Twentieth Century Illustrated Treatise on Corn Culture"; (free). Introductory prices where we have no agent.

J. D. TOWER & SONS CO., 5TH St., MENDOTA, ILL.



5TON WAGON SCALE 535 ABORTION Retention of Placent and Failure to Bree Kellog's Condition Powder is a positive curve of

og's Condition Powder is a positive cure for diseases. Write for circular. Address, H. W. KELLOG CO., St. Paul Minn FOR SALE AT AUCTION on the 31st inst. Eleven American Cattle Club Jerseys, Females. For catalogue and particulars address,

E. J. SMITH, Atty.,

A. J. C. C. JERSEYS.

6 Golden Lad bull calves for sonable. A chance seldom had. L. E.

Jack

of All

Trades?

**Fairbanks** 

Morse & Chicage Cleveland Cincinnati Detroit Louisville Indianapolis

HAVE YOU SEEN THE WATER SHELLS CORN-GRINDS FEED-CHURNS

BUTTERand hundreds of other jobs with this strength of 15 men. Most Convenient and useful power ever invented. Costs only TWC cents per hour to run. Especially adapted to farm work. IT IS A NEW ENGINE MADE BY

Kansas City St. Paul Minneapolis Omaha Denver

Denver Salt Lake Cit

9 CORDS IN 10 HOURS

This Mill Does

DONKEY PAINT

**Paint Your Roofs** 

for our low each prices and descriptive circular THE KANSAS CITY ROOFING & CORRUGATING CO. 235-220 W. 3rd St., Kansas City, Me.

SAVE MONEYAND FEED

SCIENTIFIC Orinding



come than Burp rietie with large desire frost. The varied quant okroshould varied in gain large to ordinate with the control of the control o

# Horticulture

HORTICULTURAL TALKS

APPLES FRUITED.-The foling list represents a few of the many leties fruited here the past season, ch seem to be of special merit: cMahon's White showed up well again third auccessive crop; tree read leaves; fruit of the larges

mer apple. ocher fruited for the second time; re-thies McMahon's White very closely appearance; bears early and abundant-fruit large and attractive; very prom-

er Red (Senator) fruited for the ime; seemingly very productive; trikingly beautiful and of very best I am particularly well impressed variety and would not hesitate

ripening in August; tree is a

here the second time on a top-worked tree, bearing only a few specimens which resemble Ben Davis in appearance; flesh a little darker and a slight improvement

nyman—Second fruiting. This seems stayman—second truting. This seems to the best of the winesap class. Tree of a much better growth than old nesap; fruit larger, highly colored and sely produced. Shows a tendency to op prematurely, which is to be hoped

Johnson-This is a medium-sized apple, which resembles Gilpin in every way, excepting shape and quality, it being more that and of a different, though very good

RS

1 '96.

ILL.

oes

IT

ding ile ile ake feed adgrind and all mixed alog B.

ID!
ii Angers.
a "IWAR"

sor write
ythe U.S.
WANTED.
or, III.

rather small, oval shape and of a rich yellow color. Sets fruit early and con-tinues until frost. It is of the best qual-ity and a very good keeper. May be kept all winter when stored the same way as

runing is being carried on at a lively ace with me. The weather is very fa-

Neb. Tuesday, Jan. 14. In many ways the present session has been one of the most successful in the history of the so-clety. Hon. I. Sterling Morton of Ne-braska and L. A. Goodman, for many reis and small animals and 26 by the and within the memory of man 85 varieties of trees have come into Nebraska as a tree-tier of the southwest through these means, the southwest through the southwest through the southwest through the columns of the Rural tarms in Illinois, located on the bluffs of fruit and ornamental plant culture will find Mr. Riehl always ready to give the Mississippi, near Alton. He took to his avocation as naturally as a duck to his avocation as naturally as a duck to he planted on the different arbor Days, and was encouraged in the work been planted on the different arbor Days, and was encouraged in the work been planted on the different arbor Days, and was encouraged in the work by being given a little spot of ground where first planted; so the heart's content. There he spent many busy, though happy hours, while holder by the started out last spring to do a fine business in this fruit, but made a partial failbear. The sardem was not merely a plaything; the finest vegent the stand too poor to leave hunting and fishing. This gardem was not merely a plaything; the finest vegent the stand too poor to leave the straction in reading it often gives more use on much helpful information. Five hours spent in reading it often gives more use full information than can be obtained in a whole year of self-experience.

I have a natural lines cannot fall to make Mr. Richi's "Florticultural Talks" "Florticultura



EDWIN H. RIEHL.

Our readers will, we think, have more nterest in Mr. Riehl, who is now writing 'Horticultural Talks'' for the RURAL

and per are sequistly as other walnuts. The trees are quite ornamental, very happely, with attractive, light frees forlings and smooth bodies like the white walnuts.

ACME 7ATO.—These not familitar ACMER 7ATO.—These not familitar and the attractive and freer from seab than the Enricy Ohio. In appearance and quality it is so near like the latter that it may be sold for the same without the purchaser knowing the difference.

Columbia, Mo., January 18.—Secretary because RHUBARB.—Now, while the ground is not freeze.

RHUBARB.—Now, while the ground is not freeze as the season of the wanted attricts that it may be sold for the same was the season of the wanted attricts to the season of the wanted attricts to the season of the wanted attricts to the person of the wanted attricts to the wilded in the fall the water of the country ward of the wanted attricts to the wanted attricts t

Only cultivated crops should not well within the past season that of the bear straying so far away from the past of the far and the past of the past of the far and the past o

the Alton Horticultural Society, the oldest and best horticultura ies, some 15 years ago, since which has continuously occupied som

In the year 1888 he began a course tudy at the Indiana Normal school, Valpariso, but was obliged to retu tome after a few months on account ss. Being used to him. He returned the next year, with the same result. Mr. Richl

sist me."

In 1889 he was married to Miss Olive Lowe of Upper Alton, Ill., who, like Mr. Richl, is a great lover of nature and quite levoted to their vocation. Mrs. Richl pent several years teaching in the public echools and is of great assistance to her pushand in the office work.

Mr. Richi says: "We are blessed with what we think to be two of the prettiest and brightest children to be found any-where, Norma, aged two, and Archie, the

tables were produced.

As soon as he had learned how new varieties of fruit originated, he became very much interested in this work, and from his first batch of seedlings, which happened to be strawberries, he produced the Ruby, which is to-day one of the best varieties in cultivation.

field by the side of a patch of withstand the drouth better. A part of the plants that were moved and reset the Ruby, which is to-day one of the best varieties in cultivation. spent in reading it often gives more used anyon. It is remarkably prollife and a monot excellent keeper.

Ozark is something on the order of Ben Davis it would be quite impossible to pick them out.

Long's Keeper-This is a local apple, which has been thoroughly tested in this clinity, and is a great favorite with all who have learned of its merits. As a keeper it can not be excelled. The quality is not particularly striking at gathering itms, the important of the contact with nature.

When not in best, it has that rich, pears like flavor somewhat like Pryor's Red after proper storing, but more julicy and sweet; color is a bright red. I consider this variety invaluable for home use, and it would surely pay as a market fruit if it ware known.

Florence is pehaps the best of all crabs. Bears very youing; fruit freely produced; very stitractive and good.

ENGLISH WALNUTE—Many will be surprised to learn that the English walnut was proved hardy here. Near my home stand two trees about one foot in a bear are are quite or manental, very shapely, with attractive, light green for the walnuts.

ACME POTATO—Those not familiar with the variety should give it a trial. I give and should be a surely should give it a trial. I great the mand with the work and from the beat of all crambal many questions, and the walnuts.

ACME POTATO—Those not familiar with the walnuts.

ACME POTATO—Those not

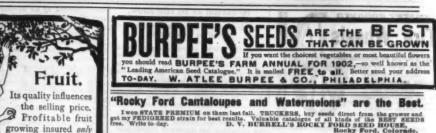
to withstand the cold of the remainder of the winter; and as the largest part of the bed is of last spring's setting, was well cultivated and made considerable runners and plants, we look for a fairly good crop of berries this season.

As the mercury is up to 65 again, and everything dry, we hauled in a few loads of leaves from the woods, stored them in sheds for use in bedding the horses, cows and chickens.

St. Francois Co., Mo.

cold in one day. No cure, no pay. Price 5 cents.

# The Apiary



growing insured only

when enough actual

Potash is in the fertilizer.

Neither quantity nor good quality possible without Potash.

GERMAN KALI WO

SEED OATS

TREES and PLANTS THAT

and other man trues. We grow that kind. Large stock. Honost deal log. Low prices. We pay freignt. Budded Peaches de; Grafted Ap plande; Concord Grapes in. English or Gorman catalogues free. CARL SONDEREGGER, Prop. Box K., Beatrice, Meb. Secure Your Seed Corn Early. I have a choice low or white corn for sale at \$1.75 per bushel. No

or white corn for sac ks, rige for sacks, HENRY FELLOWS,

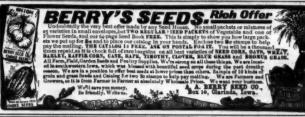
CHOICEST FRUIT and Grmamental Trees, Shrubs, Resea Flants, Bulbs, Seeds, Mail size postpaid Larger by express or freight. Direct deal wil save you money; try us. Elegant Catalogu Free. 68 Years. 1000 Acres. 41 Greenhouses

SPRAY AND PAINT

CTS. FOR A POSTAL

CATTLE KING, medium early, from 60 to 100 bushels per acre, is one of the st cattle corns grown. EARLY REED—light yellow, ears from 9 to 12 in. long, ep grain, small cob, matures in 100 days, will yield more than any other early tricty. MAMMOTH WHITE—We think this variety the very best for those wants of the corn of

W. W. Vansant & Sons, Farragut, Iowa.







SEEDS SHY SEEDS THAT WILL GROW SPEEDS; Glant Updamer (Sear Paney, Glant Volters, Double Dabile and pkts. VEGETABLE SEEDS, 10s. PLANTS; 6 Roses, 20s; no, 20s; c. Gatalogue and present free for names. A. C. ANDERSON, COLUMBUS, HES.

60 VARIETIES STRAWBERRY PLANTS
None better or cheaper.
Plants are scarce and are going fast. Send now for
rult catalogue. H. W. HENBY, LaPorte, Indiana, WANTED---POSITION ON FARM.

Competent to take full charge if desired. Experienced, up to date, reliable. Best references. Married: no children. F. C. JOHNSON, 788 S. Main

T. N. SUTTON & SON,

Dept. B., Mason City, III.

GARDEN SEEDS

J. R. RATEKIN & SON, Shenandonh, lowa

GREAT CROPS OF STRAWBERRIES



MARKET PRIZEPotato

Double, Bush & Trailing
SWEET PEAS

Bouble sweet Peas
White, Fink, Scarlet,
Stripe, The scort for be,
Stripe, The score fo

30 Budded Peach Trees, \$1.00-1 to 2ft. New sorts, Adm. Dewey, Emms, Triumph, Everbearing.
50 Concord Grapes, \$1.90—Good vines; no better for vineyard planting.
100 Asparagus Plants, 25c—Mammoth White, Conover's Colossai; heavy i 7r. plants. General nursery catalogue free. Address 80x 833. Gage County Nurseries, Beatrice, Neb.

We Pay The Freight Our prices are right and show just what the goods cost you at your railroad station or Express Office. Send at once for New Descriptive Price List,

**NEW HAVEN NURSERIES** NEW HAVEN, MO.



FARMS. UPP OUR FREE LIST of Parm Bargains. 8 451 H. Morion & Oo. Gen. Land Agts. Agricult-ural, Mineral, Coal and Timber Land. Office, 851 Lincoln Trust Building, 84. Louis. FARM FOR SALE,

**Don't Rent** Establish a

330 acres located 3 miles west of Ne Rails Co., Mo. For particulars inquire E. P. CONFRY New London

Home of Your Own Read "THE CORN BELT," a handsome monthly paper, beautifully illustrated, containing exact and truthful information about farm lands in the West. Send 25 cents in postage stamps for a year's subscription to THE CORN BELT, 300 Adams Street, Chicago.

Geo. S. Josselyn





# Live Stock

DATE CLAIMS FOR LIVE STOCK SALES.

nuary 28 to 31, 1902.—Sothams' annual briterion Sale, at Kansas City. b. 4, 1902.—Biltmore Farms (Biltmore, f. C.) Annual Brood Sow Sale. b. 11-12, 1902.—Redhead Anisty, Boyles and others, at South Omaha, Neb. Here-prod

ford cattle.

March 6-7.—I. M. Forbes & Son, Henry.
III.: J. F. Prather, Williamsville, Ill.;
S. E. Prather & Son, Springfield, III.;
C. B. Dustin & Son, Summer Hill, III.;
T. J. Wornall, Mcsby, Mo., and others, at Chicago, Ill. Shorthorns. Warch 11.-W. P. Nichols, West Liberty,

e 19.-C. E. McLane, Danville, Ind. lis. Double Standard Polled The "National Hereford Exchange" un of T. F. B. Sotham, as

follows: March 35-27, 1902.—Chicago. April 23-24, 1902.—Kansas City. May 27-25, 1902.—Omaha. June 24-25, 1902.—Chicago.

H. R. Clay, Plattsburg, Mo.

14, 1902.—Combination sale Berk-es, Kansas City, Mo. Charles F. lls, Clerk, Springfield, Ill. 21, 1902.—Combination sale Berk-Kansas City, Mo. June K. King

arshall, Mo.; J. T. Pollard, Fulton, o.; Harris & McMahan, LaMine, Mo.; parles F. Mills, Clerk, Springfield, Ill. 23, 1902.—Geo. W. Jessup, Rockville, 23, 1902.—Geo. W. Jessup, Rockville L; Charles P. Mills, Clerk, Springfield a 1902.—Combination sale Berkshi Manager A. J. Lovejoy, Roscoe, Ill.; Merk, Charles F. Mills, Springfield, Ill.

Young, Poland-China sale at Rich-Mo., Feb. 28. winn & Masters, Poland-China sale at Kansas City, Mo., Feb. 25. June K. King and Harris & McMahan, Berkshire sale, Kansas City, Mo., Feb.

National Berkshire sale, Kansas City,

THE CORN STALK DISEASE.

ditor RURAL WORLD. ving great trouble with a cornstalk dis-se. Hundreds of head of cattle have died case. Hundreds of head of cattle have died this winter in that section from eating cornstalk. Hal C. Simpson, assistant state veterinarian of lows, has made an exhaustive extentinarian of lows, has made an exhaustive extentination but has been unable to find the cause of the trouble. He has addistrict to cease feeding stalks until a remers and feeders in the affected district to cease feeding stalks until a remedy can be found.

G. C. PORTER.

MUMFORD ADVISES BREEDERS.

At the Kansas Live Stock Convention last week, Prof. Mumford of Illinois, caused a not on the lower with the cattle industry will continue to be good for years to sell pure bred owns to feeders, asserting that the breeding and sale of pure bred bulls are remedy can be found.

G. C. PORTER.

"THE CATTLE OUTLOOK.

It can't be otherwise than that the cattle industry will continue to be good for years to sell pure bred owns to feeders, asserting that the breeding and sale of pure bred bulls are remedy can be found.

G. C. PORTER.

"THE CATTLE OUTLOOK.

G. C. PORTER.

COLUMBIA MO., January 16.-Secretary B. Ellis, of the state board of agrihas made public the following "Don't sell registered cows; keep the good
g the corn fodder disease now prevacows and send others to the butcher."

Comparison of the state of the

TO DECIDE AS TO THE SHOW.

The first official action in regard to the American Boyal of Kansas City for 1992 will be taken at a meeting of the joint executive committee of the beef breeds of recutive committee of the beef breeds of attle to be held at the Midland hotel in innana City, Thursday, February 6, beginning at 10 o'clock in the morning. Charles i. Leonard, of Bellair, Mo., president of the merican Shorthorn Breeders' Association, and president last year of the joint executive committee, has written to Eugene Rust, raffic manager of the stock yards company, hat a meeting has been called for this date. Ir. Leonard says that the breeders were so rell pleased with the treatment they received it Kausas City last year that he has o doubt that this city will receive favorable consideration in arranging for the hows this year.

shows this year.

Secretary Cowan of the Shorthorn Breeders' Association has called a meeting of the executive committee of that association to be held at the Midland on the night of February 5, preeding the meeting of the joint executive committee. The joint committee is composed of representatives of the American Hereford Breeders' Association, the American Shorthorn Breeders' Association, the American Aberdeen Angus Breeders' Association and the American Galloway "Breeders' Association. Last year the Angus Breeders' Association. Last year the Angus Breeders' Afterned by their is proposed to proposed of them is immediate future. As to my built them immediate future. A hows this year. reeders, deterred by the drouth, did not shiblt, but it is expected that they will be ted in the show this year.

STANNARD GETS MORE CATTLE.

urchases the 101 Herefords Comprising George Tamblyn's Herd.

C. A. Stannard, proprietor of the Sunny pe farm at Emporia, Kas., and one of the most successful breeders in the Hereford ranks, has just purchased the entire herd of Herefords recently owned by Geo. blyn of this city. The cattle are to

May 27-28, 1902.—Chicago.

ABERDEEN ANGUS CATTLE.

Feb. 4-8.—Combination sale, W. C. MoGavock, mgr., Chicago.

April 10-11.—Combination sale, W. C. MoGavock, mgr., Kansas City.

June 10-11.—Combination sale, W. C. MoGavock, mgr., Kicago.

NATIONAL SHORTHORN SHOWS

AND SALES.

Feb. 18—At Chicago, Ill., George Allen,
Allerton, Ill.

March 11 and 12—At Trenton, Mo., combination sale, H. J. Hughes, secretary.

March 19—At Kansas City; W. R. Nelson, dispersion sale.

March 20—At Kansas City; W. R. Nelson, dispersion sale.

March 20—At Kansas City; W. R. Nelson, dispersion sale.

March 20—At Kansas City; B. B. and H.
T. Groom, Pan-Handle, Texas.

March 28—At Vandalia, Mo., Bobinson
Bros. & Wright.

May 3—At Columbia, Mo., Boome County
Shorthorn Breeders' Association.

Mr. Stannard is to be congratulated upon
bin securing a herd of this character, and
bits securing a herd of this character, provided by the personal and associated
by the personal and associated
by the f

cont him from 3500 to 3500 or 31,000 each.

Mr. Stannard is to be congratulated upon his securing a head of this character, and it will andoubtedly prove a valuable investment in his hands. It is understood that Mr. Tamblyn expects to re-embark in the Hereford business in the future and will handle just as good ones as he has been doing.—The Telegram.

Market for Sho Market for Sho Hardet American it was effort, Geo. P.

The Shorthorr was should be should be expected by the should be said to be repeal thandle just as good ones as he has been harden and will be should be said to be should b

RE-SEEDING RANGES.

"There has been a great deal of talk in eastern farm and live stock papers about re-seeding the ranges." says the Denver Record-Stockman. "The proposition has never come from men who are familiar with range conditions and, as a rule, it has never been regarded seriously in the west, but now some enthusiasts are talking of asking the agricultural department to seisking the agricultural department to se-cure an appropriation for seed for the pur-pose. This will be a pure waste of time and money, as every range man knows. The ranges would soon re-seed themselves if given a chance, but even should seed be planted, it would never have an opportunity to grow except in a few favored localities. Only in places where the ranges are over-crowded and over-grazed is there any scar-city of graza, and the only grantly is to recity of grass, and the only remedy is to relieve this congested condition."-The Tele-

cows and send others to the butcher."

Cows he said were sold not as producers of market cattle but as foundation of other

bash", beloved by all Hereford men, prodent of the Wabash Stock Farm Co., the new owners of Dale, Dolly 2d and her two slaters, etc., 1 bull and 9 females; Jas. Paul, Patch Grove, Wis., who has stood by the Herefords in the dairy state through thick and thin, 4 bulls and 1 heifer; T. H. Carrothers, Byan, Ia, the young Hereford lead er of Iowa, 1 bull; B. E. Keyt, Mellott, Ind. connection with great Hereford event buil and 4 females; Geo. H. Adams, Der Colo., and Linwood, Kas., who manager, the veteran Geo F (father of the Herefords), have

males.

Aside from the foregoing I shall includfrom the Weavergrace herd 30 cows and 2
bulls. The cows are young and mostly witi
caives by side (some of them bred sgain)
the remainder are heavy with calf, and al together I am certain that I never o so profitable a lot, measured by their and what may be expected of them in th champion stood Sir Bredwell, Bee himself being the star attraction this buil offering it is the same of "Better as a lot than I have ever fore offered." They are my priprove the progress of my herd. Alt this combined offering provides the of cattle, judged by individuality an

Of the Fifth Annual Meeting of the Central

The Shorthorn Steer, John G. Imboden

Should the \$160 fee for recordicattle be repealed? S.C. Hanna WEDNESDAY AFTERNOON - Should sales be continued in connection with or National shows? Chas. E. Leonard, Pres dent American Shorthorn Breeders' Ass'n.

Woods.

ower end of Rock

ower and the neighboring portions
or county. During the last week or
one of as not less than thirty horses have
been lost in Buffalo Prairie and Drury
time

solinger, of Drury, last week alone
lost five young animals, ranging in age from
lost five young animals, ranging in age from
the lost five young animals, ranging in age from
lost five young animals, ranging in age from
lost five young animals, ranging in age from
lost five young animals. The farmers are
inclined to attribute the disease to some
fault in the corn fodder. The disease after
its first appearance, weakens the victims
rapidly, and is always fatal after two or
have the period of gestafion decrease.

It has been asserted that the period is
ach animal is always the same, but on
observation has not seemed to prove this
a fact. Though it does seem to be trust
that there is comparatively slight fluctuasia lower that the period is
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a fact. Though it does seem to be trust
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was the back of the breeding inquisity.

gave the convention this advice:

"Don't cencourage inexperienced men to
go into breeding.

"Don't sell inferior bulls; convert them
into steers.

"Don't sell registered cows; keep the good ever so great as now. Under any p onditions it will take years of time t ome this shrinkage in numbers of

\*\*\*\*\*\*\*\*\*\*\*\*\* SOTHAM'S

KANSAS CITY KRITERION SALE

# REFORDS

KANSAS CITY, MO., FINE STOCK PAVILION JANUARY 28, 29, 30, 1902

I am instructed by the following contributors to announce the greatest public offering of Herefords ever put before the American public. As a guarantee of the surpassing excellence of this offering, I have only to announce that selected animals of the best character representing the greater English and American herds will be contributed by the following breeders:

D. W. BLACK, Lyndon, Ohio. JESSE C. ADAMS, Moweaqua, III. F. A. NAVE, Attica, Ind. MAKIN BROTHERS, Lee's Summit, Mo. C. B. SMITH, Fayette, Mo.

S. H. GODMAN, Wabash, Ind.

GEO. P. HENRY, JOHN LETHAM, Goodenow, III.

CLEM GRAVES, Bunker Hill, Ind. EGGER HEREFORD CATTLE CO.,

JAMES PAUL, Patch Grove, Wis. T. H. CARROTHERS, Ryan, Ia. B. E. KEYT, Mellott, Ind., GEO. H. ADAMS, GEO. P. MORGAN, Linwood, Kan. T. F. B. SOTHAM, Chillicothe, Mo.

### 200---TOP HEREFORDS---200

Each contributor a recognized leader in his own district, and almost without exception every contrib utor has earned world-wide reputation for great good intelligently done to American agriculture through specially celebrated achievements with Hereford cattle. Wherever Herefords are known these names are respected and any transaction backed by any one of these names is guarantee absolute of its genuineness and honesty. An event therefore—like the Kriterion—participated in, leartily, by all, must therefore have an international or world-wide character. As the "century opener" was the Hereford event of 1901, so the Kriterion will be the Hereford event of 1902.

MAKE YOUR ARRANGEMENTS TO ATTEND THE MARKER OF THE HEREFORD YEAR.

Special evening entertainments apropos to the occasion will be provided; seasonable, special evening entertainments apropos to the occasion will be provided; seasonable, new, in-structive and enjoyable features for all who attend. Come and participate, mjoy and learn about the Hereford, whether you desire to buy or not. Catalogues ready on New Year's aay. Wishing all lovers of pure-bred live stock a happy Christmas and prosperous New Year,

YOURS FAITHFULLY, T. F. B. SOTHAM, Chillicothe, Mo.

On and after Jsn. 1, 1902, copies of my Treatise and Hand-book on Herefords will be priced 50c. for paper covers and \$1 for Morocco binding. The edition of 10,000 being about exhausted prohibits further free copies after that date. Catalogues and other literature free as usual.

T. F. B. S.

This is our last chance to remind or readers that on January 28, 29 and 30, it Sotham criterian sale of Herefords will beld at Kansas City. Elsewhere we give list of the contributors to the sale, and ar one at all familiar with Hereford matteneeds only to go over that list to determine that the best kinds in the country will represented in the sale, and with animary contribution. represented in the sale, and with ani that will surely make this the criter Then on Tuesday night a banquet will otel, and on Wednesday night an illustra ed lecture on the anatomy and character Hereford cattle will be given by Georg Morgan and John Gosling in the Live Stor Pavilion. The banquet and lecture will b ree to those attending the sale

Breeders cannot afford to miss this oppo

LARGEST COW IN THE WORLD



A \$3000.00 STOCK BOOK FREE

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Shorthorn Cattle, Berkshire Hogs, Angora Goats, Light Brahma and Golden Seabrightchickens. Stock and eggs for sale Call on or address. J. J. LITTRELL, Sturgeon, Mo.

Highland Park Herd.



# BLACKLEGINE"

Pasteur Blackleg Vaccine Quite Ready for Use.

This is in the form of a cord impregnated with the vaccine. Each dose is separate and applied with a special needle. The dose is hitched on to a notch in the needle and then inserted under the skin at the shoulder. The needle is provided with a detachable handle. Vaccination with "Blacklegine" is as rapid and easy as taking a stitch. There is no dissolving, or mixing, or filtering a powder; no injecting or trouble in measuring doses; no expensive syringe outfit.



BLACKLEGINE OUTFIT. SHOWING NEEDLE INSERTED IN HANDLE AND DOSE OF VACCINE ATTACHED READY FOR VACCINATING.

Prices: "Single Blacklegine" (for common stock): No. 1 (ten dones), \$1.50; No. 2 (twenty dones), \$2.50; No. 3 (fifty dones), \$6.00. "Double Blacklegine" (for choice stock) (first lymph and second lymph, applied at an interval of eight days), \$2.00 per packet of ten double dones. Blacklegine Outfit (handle and two needles), 50 cents.

PASTEUR VACCINE COMPANY, Chicago, New York, Omaha, Kansas City, Ft. Worth, San Francisco.



ST LUMP-JAW CURED

THE

URES Lump-Jaw without the mife. Cure is absolute, and leaves no sour. One bottle

moves Blood Warrent that grow on pigs after castrating. Price \$1.00 per bottle, prepaid. Honey refunded if no cura. Send

THE WOOD

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# BILTMORE FARMS, BILTMORE, N. C.

# SECOND ANNUAL BROOD SOW SALE TO BE HELD ON THE FARMS FEB. 4, 1902

The choicest selection of Imported and Home Bred sows ever offered to the public. These were almost without exception reserved for our breeding herd, and include some 10 daughters of the great Highelere Topper; three daughters of King Longfellow, possibly the last to be sold at public auction; four daughters of Columbia's Duke, the very last that the Farms have for sale, either privately or publicly; the choicest of our last Importation; Pan-American winners, and altogether, for individual merit and breed-

## SPECIAL RATE OF ONE AND ONE-THIRD FARES FOR THE ROUND TRIP HAS BEEN GIVEN BY THE RAILROADS FROM ALL POINTS. Write for Catalogue and Full Information to Biltmore Farms, Biltmore, N. C. Auctioneer, R. R. Bailey, Gibson City, III.

F. A. Scott, Fleid Man for this paper, will attend the sale in person and will handle all mail bids intrusted to him to the best of his ability. Address all letters containing bids to him, BILTMORE FARMS, BILTMORE, N. C.

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HO CURE
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with the ONE KNIFE of from four misse or tear-ming known. Pair, Orders if desired.





centiler right command ment." To This a street will be give the Asieve all things of the chances art that we will have been controlled to the control of the theory of the

reasmit speed. This may seem a strange statement to some, but we nevertheless believe it true. A stallion kept in Idleness and allowed not a sufficient amount of good, strong, healthy exercise is worse Horse Owners! Use Gombaulty's Go

WITH A LONG PULL, A STRONG PULL AND A PULL TOGETHER BY RURAL WORLD SUBSCRIBERS, 60,600 OF FIGURES. Impossible by process one of seminal process of the pr



The advertisement of Fairbanks, Morse & Co. will be found in this issue. They are the manufacturers of the celebrated 'Fairbanks' scales, Fairbanks-Morse Gas and Gasoline Engines and Eclipse and Fairbanks windmills, and now call speciol attention of farmers to their little "Jack of all Trades" for farm work, and we suggest that all our readers investigate this wonderful little labor saver.

wonderful little labor saver.

To the unobserving it is a revelation to note the tremendous strides such catalogue houses as Marvin. Smith Co., of Chicago, are making.

Their goods are carried on almost every train that runs out of Chicago, and every town and village in the country receives some of these goods. Theirs is a business policy that others would do well to imitate. Fair, square treatment always is doing the work for them.

HORSEMAN

HIGH RELEANCE FARMS, BLITTMORGE FARMS, SHITTMORGE AND SHITTMORGE FARMS, BLITTMORGE FARMS, BL



# Gentry Bros. Codar Valo Stock Farm

SEDALIA, MO.

Grand Duke of Hazelhursi 195484, assisted by Waterloo Duke of Oedar Vale 19985, heads our herd of pure Bates and Bates topped, pure Scotch and Scotch topped cows of the most fashionable fami-ites. Stock for sale at all times at reasonable prices. Parties met at train. Parar two miles cut. Telephone No. 30.

SCOTT & MARCH, Breeders of.....

# Registered Herefords.

YOUNG STOCK FOR SALE.

BELTON, MO.



# "Sunny Slope Herefords."

TWO HUNDRED HEAD FOR SALE, consisting of 40 good cows 3 years old or over, 10 2-year-old helfers bred, 50 yearing helfers and 100 bulls from 3 months to two years old. I will make VERY low prices on any of the above cattle. Write or come to see me before buying.

C. A. STANNARD, Emporla, Kan.

# Registered Shorthorn Cattle

AND POLAND-CHINA HOOS, Bred and For Sale by H. A. BARBER, WINDSOR, MO.

SHORTHORN BULLS FOR SALE. Foundation of herd mostly of Bates breeding, Scotch Toppe bed by ORANGE DUKE 3rd, 158521. M. R. AMICK, WINDSOR, MO.

HEREFORDS Gudgell & Simpson, 600 HEAD IN HERD. Independence, Mo.

ST. LOUIS NATIONAL STOCK YARDS.

THE LIVE STOCK MARKET OF ST. LOUIS. ocated at East St. Louis, directly opposite the city of St. Louis. Shippers should see that their stock is billed directly to the

National - Stock - Yards. C. G. KNOX, V.-Pres. C. T. JONES, Gen. M'gr. L. W. KRAKE, As'st. Gen. Mgr

# SHORTHORNS, BERKSHIRES and JACKS

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C.M. CASEY, SHAWNEE MOUND, HENRY COUNTY, MO.

Railway Station,! Clinton, Mo. "The Casey Mixture," Cruickshanks and other Scotch cat

tle, Bates and Renick Rose of Sharons.

HERD BULLS—limp. Cellynic 135022, bred by Wm. Duthle; lmp. Blytic Victor 14605

bred by W. S. Marri, Admiral Geology 133972, bred by Col. C. E. Leonard; Victor Eashly
152797, bred by J. B. Crawford & Sons; Victor Abbott, bred by T. J. Wallace & Son
and Settlish Lavender, bred by Hanna & Co.

Address all correspondence to

E. B. MITCHELL, MGR., CLINTON, MO., RURAL ROUTE NO. 1.

Blackwater Shorthorns. F. M. Merchal, Prop. BLACKWATER, Herd headed by the Cruickshank Bull. Crange Hero 182,888 by Godoy. Females are of pure Sooich and Bre Bates, with individual merit the standard. Young stock of both sex for sale.

a success."

G. W. JOHNSON, Lexington, Mo., is advertising a registered Percheron stallion and a Mammoth black jack, second prise animals at Missouri State fair, 1901. They are sure breeders and are sold for no fault. Mr. Johnson can show coits by both animals that will bear inspection. If you want something in this line that is Al this is your chance.

While extreme speed commands high prices for racing purposes, the sensational

KENDALL'S SPAVIN CURE

There is no use taking chances on a lump. You can never tell what it may develop. If you have a supply of "Kendall's" on hand you are safe from Spavin, Ringbone, Splints, Curb and all forms of Lameness. The U. S. Army knows good things and buys only the best.

Dr. R. J. Kundell Ch., Giff. Grant Lameness. The U. S. Army knows good things put that your Rendall's Spavin corns take beat list inches. The Listens of the Company of the Company

VALLEY VIEW JACK FARM 56 mammoth Jacks and Jennette 15 to 16 hands, for sale. Write A. L. ESHBAUGH FESTUS, MO.

FINE JACK FOR SALE. Coming 4 years old. Am willing to show him against anything in the State. Price, \$1,000. Address W. W. CORNETT, Martinsburg, Mo.

TENNESSEE WILKES 2735 Bire of Musette 2:94:4- and Roan Wilkes 2:94.5-4 The only son of George Wilkes with two better than 2:99, also a brother to Bud Crook 2:15:1-4, of his best racing sons. For terms, etc., address MONROE MILES, Springfield, Mo

PERCHERON STALLION FOR EXCHANGE For one not related to my mares. Black 5 year-old; weight 2,000. A few young stallions and mares for sale. 370 scres Kansas land for sale or trade for Peroberon Stallion. Address A. M. WALKER, Laclede, Mo.

FOR SALE. Registered Percheron Stallion, S years old; Mam-moth Black Jack, S years old, 2nd prise Mo. State Fair, 1981. Both tested stree. Colts can be seen in neighborhood. Sold for no fault; must make a change. G. W. JOHNSON, Lesington, Mo.

FOR SALE. Mammoth Jacks and 6 years old; also 1 small rone 3 years o.d; all large bone and good per-ormers. Apply 5,

W. P. AULL, Lexington, Mo. FOR SALE, 11 BLACK JACKS. 14 1-3 to 16 hands high, 3 to 6 years old, Kentucky and Tennessee breeding. R. M. JOHNSON, Bolivar, Polk Co., Mo.

H. W. KERR,

BREEDER OF RED POLLED CATTLE. Good young bulls for sale. Cartinville, Ili.

should patronize those sires whose anceswell as speed. America is destined to be the kindergarten of the world in the production of fine coach horses, and breeders who would achieve the highest success should combine beauty of conformation with high action and speed.

W. P. AULL, Lexington, Mo., is advertising two mammoth jacks, 5 and 6 years old, and a smaller one 3 years old that are tested, have large bones and show a good lot of colts. They are good jacks and can be bought very cheap considering their quality. They will bear inspection and it will pay any one wanting a good jack to go and see them.

# Home Circle

Vritten for the RURAL WORLD A TRIBUTE

To Miss Victoria M., San Francisco, Cal.

Regins, gentle queen of human hearts, No bending knee, no head low bowed Proclaimed thy state, yet grace imparts A royal mien, by all allowed.

Regina, regal white-souled one, Thy royal crown is modest worth, by scepter shines as shines the sur Proclaiming thee a queen by birth.

Thou rulest, O queen, by grace of Him Who on thy brow set gems of thought, Thy stately robes are not the film Of hand-stained threads by labor wrought,

For thou art clad, O heart-pure queen, In garments fair of righte Thy throne is not by mortals seen,
'Tis wrought of faith and tenderness.

May these frail verses please thee, dear, Unwavering trust I pledge to thee, And with the dawn of this new year, I cry-"Long live her majesty."

That cling to thee with faith supreme, Live long to help the weak souls through Dark places—where no light doth gleam.

MAY MYRTLE. Jan. 1, 1902, 12:30 a. m.

Written for the RURAL WORLD. BEING ATTRACTIVE.

Written for the RURAL WORLD.
A PLEA FOR PURE PAPERS.

I have read and re-read Hattle By-leid's letter, written to the RURAL WORLD last October, regarding the char-acter of our daily papers. Every word of her article is true, every word true. We took several city papers, but now do not take them. The pictures in them and the or three times; if not large, sweep to-

One of his little boys who had been looking at the pictures in one of those papers in which one man was having to have support because of his weakness and could not stand, said: "Pa, write to that doctor, he may be able to cure the hog, if he can cure that poor, weak fellow." Just think of innocent children having such abominable things thrust on their attention. Parents are compelled to stop such papers to protect their children. I, for one, will not patronise such publications. Give us pure papers, or let us do without. If the RURAL WORLD can be published and maintained without such objectionable advertising, others can. We can find such and we will.

Fayette Co., Ill. ROSA AUTUMN.

PIE CRUBT.

Por one pie allow two cups of flour and a lump of lard the size of an egg. Rub into the flour till it feels like coarse meal in the hand; wet with half a cup of cold water and stir to a lump with a knife. Lift to the molding board, which should be very large and julcy, cored and filled with sugar soaked in lemon julce, but the well floured, press it out till it is about a quarter of an inch thick, dot the top with bits of butter, fold over, roll again and repeat the process three times, adding the butter each time. This makes it the stricts of two make the next town.—Exchange.

WHY CAN'T I DO IT?

A poor Scotch shepherd boy once constant.

all reflect on the work that has been done, and profit in the future by the experi-ence of the past, that our influence may tend for the betterment of mankind and the satisfaction of the knowledge that we have lived for a purpose-for the right

have lived for a purpose—for the right and not for the wrong.

How many of those who have seen the opening days of 1908 will live to see its closing scenes? How many now in the prime of life, enjoying its benefits and suffering its cares, will survive to accomplish the work they have been given to do through its weeks and months of toll and duty in the sphere of life in which each is placed? How much, then, it behooves duty in the sphere of life in which each is placed? How much, then, it behooves all to do well the work to which they have been assigned, that the year's voyage over the sea of time may be for usefulness, and not for naught; that the world around us may be made better and not worse for our having lived, and that it may justly be accredited to us that we have done for the best the work that has failen to our lot, and ours may be the happy consciousness of having successfully accomplished all that it was intended for us to do, and that we will not have lived in vain; that the living may be encouraged to continue faithful in good couraged to continue faithful in good works and those who are called hence may pass over to the other shore in the peaceful consolation that they are ready for the great change.

Written for the RURAL WORLD. PASS-IT-ON.

Not many years ago I was visiting at the home of an old-time friend, one whom I had not met in years. Her home was one of the grand old farmsteads for which some parts of New York State is noted. some parts of New York State is noted.

Room after room held treasure stored
away, which did not see the light of day
in years. She only was left of a large
family, and her acquaintances and
friends were many and extensive; therefore gifts were numerous at anniversaries. As box after box and drawer after
drawer were looked over contains love.

written for the RURAL WORLD.
BEING ATTRACTIVE.

Every normal young woman wants to eattractive. For the one who says, "I don't care," we have profound pity. If she means what she says, her path is best with danger. If she says, "I don't care" recklessiy, not meaning it in her innermost heart, she places herself in saise light before her friends. One should care what others think and say of you. To be highly esteemed is one of life's greatest pleasures. Money can never be compared with love of our friends for us. The admiration of friends is cheap, and yet it is costly. It is cheap only in that it does not cost money. We must control self. It is not essential that nature give us classical features. These may be marred by ill-temper, sullenness, selfshness. It is essential that the we hency, that we have the sunshine of good nature radiating from our every act.

The girl who has cultivated a loving, happy disposition, even though her nose is somewhat flat and her complexion not pearly, may enroll more friends than the "prize beauty" of the community.

We can do much to make our forms beautiful. The young woman with a stylish air because she walks, stands and sits properly, will have more admiration than the pretty doll-faced girl who sits in an ungainly manner, and walks with her head stuck forward and her shoulders humped over, so that the chest is much contracted.

Stand erect, with the abdominal musles well drawn back, the head up and her complexion of the dear once as the Christmas time of the dear once as the Christmas errand of love, peace and good will. As the years booklets, pictures, etc., were selected and stand graceful

Written for the RURAL WORLD. SWEEPING AND CARE OF BROOMS

Jackson Co., Mo.

Not one in a hundred knows how to sweep properly, and very seldom do find a woman that cares for her brooms or three times; if not large, sweep toallowed in any family where there were
children or young people to read them. I
wonder how publishers can allow such
pictures and advertisements to go into
their papers.

Let me give you a little incident. A
farmer who took such a paper came into
the house one morning and said: "My old
hog is so weak in his hind legs that he
can't stand on them. I don't know what
to do for him either."

One of his little boys who had been
looking at the pictures in one of those

written for the RURAL WORLD.
THE OLD AND THE NEW.

As we sit in our den this New Year's eve, cogitating on things past, present and future, we indite a few thoughts born of the inspiration of the inspiration of the moment, for the RURAL WORLD.
The Fayetz of the moment, for the RURAL WORLD.

As we sit in our den this New Year's eve, cogitating on things past, present and future, we indite a few thoughts born of the inspiration of the moment, for the RURAL WORLD.

The year 1901, with its cares and sorrays, its joys and disappointments, its fallures and accomplishments, has been rolled up with the scroll of time to remain sealed until the developments of the great beyond. Whatever of evil has a carded will be research beyond. Whatever of evil has a carded will bring its resulting disaster as time goes on. How much, then, should show the sum of the inspiration of the man was John Brown, and he became a distinguished clergyman.—Since sex winter weather, a fact worth resembering at this time of year.

A poor Scotch shepherd boy once concords and sile the apples into a bowl of core and sile the apples into a bowl of the mixed with enough lemon fluic to make it pleasantly sour; when the progressed so rapidly that many of the old and superatitious people thought he mixed to the preserving pan with one-half pound of sugar for each pound of fruity.

Fayette Co., Ill. ROBA AUTUMN.

A poor Scotch shepherd boy once concarded with enough lemon of core and sile the apples into a bowl of the mixed with enough lemon of the inspiration of the moment, for the character of the moment, for the mixed with enough lemon of the moment, for the character of the moment, for the character of the moment, for the Rural the sake the bookseller. We have the prompt roply. "Read it was the prompt roply." Read it for storing, very nearly equal with a flock of 100 hear to remain sealed until the developments of the great beyond. Whatever of good has been accomplished will be a research the prompt of the moment of the moment of the moment of the mo

Is doubtless the highest human good It is especially so to women, to whom i means the preservation of beauty, hap piness in the home, and the enjoymen of social duties. There can be no goo

of social duties, I health for any woman who surfers from womanly diseases. Her complexion fails. Her flesh loses its firmness. Her eyes are dull. She has no home happiness, no social enjoyment.

Doctor Pierce's

eyes are dall. She has no home happiness, no social enjoyment.
Doctor Pierce's Pavorite Prescription curses the diseases which destroy the health. It establishes regularity, dries disagreeable drains, heals inflammation and ulceration, and cures female weakness. It gives good health to women, which means tranquil nerves, a good appetite and sound sleep.

"I was a great sufferer two years ago with females and a said. I wroke to year advice." says Mrs. Mattle Hays, of Tribustico, McDonald Co., Missouri. "You outlined a course of treatment for me. I followed your directions, and now feel like a different person. I never expected to hear from you when I wrote to you. In three days after I commeated taking your dollars worth of the "Pavorite Prescription" and 'Golden Medical Discovery.' I bought it sive dollars' worth at a time, and also four visia of Dr. Pierce's Pellets. I would not take one thousand dollars for the good the medicine has do not be the continuous of the con

a sewing machine man came along.
"Good morning," said the sewing machine barker, looking over the fence. "Your corn seems to be pretty yel-

ow."
"Yass; I planted yaller corn."
"You don't seem to have more than laif a crop."
"Waal, I planted it on the halves."
"You seem pretty close to a fool."
"Yass, there's only a fence between las."

to, it required the services of two doc-tors to get him into such shape that he was able to make the next town.—Ex-

# Poultry

MISSOURI POULTRY NOTES

Editor RURAL WORLD: Just as

gs, red pepper, Pratt's corn, sweet milk and a food and shelled corn, sweet milk and a general variety of feed. There is scarcely a time when corp can not be found about the lot where they range, and yet we get eggs in ilberal numbers, while many of our neighbors, both in town and country, complain of getting none. I give wife all the credit and all the revenue in this case.

W. D. WADE.

ohio Poultry Notes.

Editor Rural World:

Entra large and quick growth bone in fowls means more meat, and more meat means?

To 10 cents per pound.

For laying hens I feed mixed as above, only that each hen gets one tablespoonful twice or three times a week, according as I think they may need an extra allowance. They need more when they are laying regularly or moulting.

The result

and the good. Many thanks to you for your kind advice."

Dr. Pierce's Medical Adviser, in paper covers, is sent free on receipt of 21 one-cent stamps to pay expense of mailing only. Address Dr. R. V. Pierce, Buttalo, N. Y.

THE WOMAN'S HORSE.

Ain't got no speed; he's fast enough to kill—
Jest sorter Jogs along a steady course, An'yet there ain't no hundred dollar bill. That ever'll buy old Gray—the women's horse. I don't expect he really earns his feed, Jest cultivates a little, an' that's all; Yet he's exactly what the women need, To hitch up now an' then an' make a call. You know how women drive—jerk on the bits, Push on the lines, an' cluck an' holler "whoa!"

Foush on the lines, an' cluck an' holler "whoa!"

Enough to drive a nervous horse to fits, But some oil pelter like old Gray will good. Many thanks to you for your kind feel good. Many thanks to you for your kind and advice."

The sald that in December, 1900, he sold dozen edges from 22 hens, about equally divided between those hatched the previous April and one and two year old to same ages, screpting eight 2-year-olds, these latter laying the 50 eggs. The feeding had been exactly the same care given wheat, corn, cats, linseed meal, pea meal, cut clover and some lens, the hens are Brown Leghorns and are of a good laying strain, and I know have been as well cared for as any flock of hens in the country, yet the owner got no eggs in December, 1900, he soid in a very few days in the renewed vigor, health and appetie, and liast, but not least, egg product.

The result of the bone as a feed is seen in a very few days in the renewed vigor, health and appetie, and liast, but not least, egg product.

The result of the bone and it per yet days in the renewed vigor, health and appetie, and liast, but not least, egg product.

The loss of the same ages, excepting eight 2-year-olds, these latter laying the 50 eggs.

The feeding had been exactly the same care given the same care given the same care given the same ages accepting eight 2-year-olds, these latter layi

At the late meeting of the Missouri State Poultry Association, held at Chilli-cothe, Mo., officers were elected as fol-

lows: President, Dr. Jas. H. Casey, Liberty, President, Dr. Jas. H. Casey, Lorry, Mo.; first vice-president, Hon. W. W. Graves, Butler, Mo.; second vice-president, — Cook, Springfield, Mo.; secretary, C. W. Nuss (re-elected), Tina, Mo.; treasurer, J. A. Maxwell (re-elected), Fayette, Mo.; president of the executive committee, Dr. J. T. Dewey, Keytesville, Mo.

Mo.

The next show will be held at Spring-field, Mo., Jan. 6—17, 1903.

On motion, the retiring president, Mr. Henry Steinmesch of St. Louis was, by rising vote of the association, unanimously endorsed as superintendent of the poultry department at the World's Fair, to be held in St. Louis beginning. Mar. APPLE DUMPLING.—The apples should be very large and fulloy, cored and filled with sugar soaked in lemon juce, and covered with grated lemon peel, nutmeg and a little sait. Make a paste of one pint of finely minced sust to a large quart of flour and a sout to a large quart of flour and a large quart of flour and a sout to a large quart of flour and a sout to a large quart of flour and a sout to a large quart of flour and a large quart of flour and a sout to a large quart of flour and a sout to a large quart of flour and a sout to a large quart of flour and a sout to a large quart of flour and a sout to a large quart of flour and a sout to a large quart of flour and a so

This contribution to the "Farmer's Voice by W. F. Adams, Texas, awarded the grand prise—\$100—as the best of 27 submitted.

## EDUCATIONAL NOTICE.

y ambitious reader he desires a technical education cans to attend school. This same is withheld at his request, a few scholarships in a well-k institution. If you are ambit write to W. L. R., Bex 3737. See

and sun-bleached. Some of the most escape and an apron lades with a dozen "iffe-size" eggs, and remarks: "Gerie, how would you like to hunt eggs but house."

The how would you like to hunt eggs but house."

The how would you like to hunt eggs but house."

The how would you like to hunt eggs but house."

The how would you like to hunt eggs chicks. The animal, as well as the mineral qualities of the bone, are what makes the paper she was reading and at once the house was reading and a once the house was to have the set of the house well as the mineral qualities of the bone, are what makes the paper she was reading and a once the house well as the mineral qualities of the bone, are what makes the paper when the profitable as well as the mineral qualities of the bone, are what makes the paper when the profitable as well as the mineral qualities of the bone, are what makes the paper when the paper she was reading and a once the paper when the paper she was reading and a once the paper she was reading and a once the paper she was reading and a once the paper she was reading and a sun-bleached. Some of the most escential feeding value of the bone has the mineral qualities of the bone, are what makes the mineral qualities of the bone, are what makes the paper she was reading and at once the paper she was reading and at once the bone, are what makes the mineral qualities of the bone, are what makes the mineral qualities of the bone, are what makes the mineral qualities of the bone, are what makes the mineral qualities of the bone, are what makes the mineral qualities of the bone, are what makes the mineral qualities of the bone, are what makes the paper when the paper when the paper she was reading and the mineral qualities of the bone, are what makes the mineral qualities of the bone, are what makes the mineral qualities of the bone, are what makes the mineral qualities of the bone, are what makes the mineral qualities of the bone, are what makes the mineral qualities of the bone used for a value of the paper when the

The result of the bone as a feed is seen in a very few days in the renewed vigor, health and appetite, and last, but not least, egg product.

Taking every advantage gained by feeding bone—i. e., general health of flock, quick growth of broilers, increase in amount of eggs, etc., over the two years bone was not 'ed, I figure it—and I keep close accounts—that the profit derived is 15 per cent over the profits of the two preass.

BLOOD ALBUMEN that is advertise BLOOD ALBUMEN that is advertised in our columns should not be confounded with the red albumen fake that has been so widely exploited lately and proven to be a rank fraud. Blood albumen is de-scribed as being a valuable food for poul-try. If composed largely of blood, as its name indicates, it should be good.

Poultry Farm, McKittrick, Mo., breeds vinning Buff Orpington, B. P. Rock, Buff and Silver Wyandotte chickens

A REALLY SUCCESSFUL INCUBA-

No incubators are better known, or are more widely popular than the Successful neubators, made by the Des Moines Inubator Company, Des Moines, Iowa. The actory of this company is believed to be the least as large as that of any similar inbitution in the world.



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The Successful Incubators are the result of the study and experience of incubator experts who devote their whole time to this business. They are made of the best possible materials, and are fully guarance would have dared to guarantee



Behold The Hen Doth Lay An Egg. Successful Incubators and Broode

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or money back. Lt. Brahmas, Black
B. Ply. Bocks, S. L. Wyandottee. They
pood. H. T. RBED, CAMP POINT, LL. Langshans, s WALNUT VALLEY POULTRY FARM Barred Plymouth Bocks exclusively. Eggs \$1.50 per 15; \$2.50 per 30. G. M. HOADLEY, Sedalia, Mo

LARGE Toulouse Geese. Lowest prices, quality considered, at Crystal Spring Stock Farm. (Est. 1883.) CHAS. STAUDER, Nokomis, Ill WHITE PLYMOUTH ROCKS.

Some fine Cockerels for sale; \$1 each. MRS. C H. ECKLES, Columbia, Mo. MRS. J. T. ARVIN, Roanoke, Mo. ias a few extra fine Black Langshau Coci or sale cheap. Write for prices.

S. C. B. LEGHORNS AND B. P. ROCKS. Leghorn Higgs now ready for hatching. Reduction on incubation supplies. Prices to suit all. Address HES. P. A. WALTERS, Box 353, Upper Al-ton, Madison Co., III. More prises thenever this year on my Barred Plymouth Rocks, Buff Cochins and Mammoth Bronze turkeys. 560 young birds for sale. Write for prices to MRS. JOHN L. GAISER, Charleston, Ill.

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of high class White H: Turkeys, Silver ites and Barred P. Rocks 15 E668, \$1. PRESH, FERTILE, HALE HARDY 100, \$4. Nepenthe Poultry Ranch, New Florence, New Florence,

Barred Plymouth Recks and M. B. Turkeys.
Both young and old turkeys and good breeders and exhibition Barred P. Rock for sale. MRS. U. E. THURMOND, R. F. D. No. 1. Louisiana, Mo

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Large fine birds at reasonable prices. Write. N. E. MOSHER & SON, Salisbury, M \$5.00 Buys 100 Eggs.
\$1.25 One Sitting...\$2.00 Ten Turkey Eggs
Brown Leghorn, White Leghorn, Barred Rock,
White Book, Black Kinora and Broase Turkeys.
Stock for Sale. Circular free. Write
E. W. GEEB, Farmington, Mo.

ROCKY HILL POULTRY FARM, randotic Specialist—Breeds Silver Ls., Golde While and Sid Wyandottes; also Barred P ta. Show birds and good breeders at low price quality. Write your wants. Eggs in season faction guaranteed. JOHN A. SHAW, Box 55, McKittrick, Mo.



ON APPROVAL

S. MARK DODD

pay the freight. title: "Life Producers and Life Preservers." The company requests that all corers." The company requests trespondence be addressed to nearest the writer.

CYPHERS INCUBATOR CATALOGUE FOR 1902.

All who have seen a copy of the magnificent catalogue issued a year and by the control of the catalogue issued a year and by the control of the catalogue issued a year and by the control of the catalog consists of 196 pages and cover, is 8x11 inches in size and weighs over one pound. It contains a complete description of the Cyphers patent-disphragm, non-moisture, selv-ventilacing incubators, with fine color cyphers incubators. It contains also an illustrated description of the Cyphers language in the color of the cyphers incubators. It contains also an illustrated description of the Cyphers apartment brooders, and the full line of poultry appliances manufactured by this company. In it will be found beautiful half-tone pictures of over 200 of the largest and best known poultry plants of America, Canada and Europe where the Cyphers incubators are in use.

Cyphers incubators are in use, and in the great factory at Buffalo, N. Y.

All who are interested in the latest developments in incubator and brooder manufacture should secure a copy of the Cyphers incubator Company's complete catalog for 1902. See advertisement elsewhere in this pager. made of the best possible materials, and are fully guaranteed. A few years ago no incubator are fully guaranteed in the procession on its products, but such as a food for fowls extends over two years only with a flock of 100 hens. Prior to that time I had not used cut bone and my article is based on the percentage of gain in the growth, health and eggs of fowls over the growth, health and eggs of fowls over the two years previous, when I did not used bone; all other conditions for the four years being about the same.

My attention being called to the value of fresh cut green bone as a food for poultry. I determined to experiment. I crushed some hog bones as best I could and fed it to layers. The result was so satisfactory I bought a small bone cutter and began to feed green cut bone to my poultry regularly twice a week. I tried all sorts of bones and have found the hors and beef bones the best, being easier obtained and containing more of the nutritive value.

I get a soup oone of the butcher, shave off the meat (a little meat won't hurt try ou intend feeding as soon as cut) and I feed the same day it is cut.

Some people make the mistake of using bones that have been boiled or laid out.

WANTED { Ledies to crochet, make Battenbur City or Country writer for particulars. Steady profitable work. GEN WEEDLE WORKS, 167 Dearborn St., Chicago, III.

POULTRY.

WALL
sebs a
POLA
vidual
B. L.

Of fro
black

VIV

High-class White H Turkeys and B. Langshans MRS. J. H. PRICE, Clarksville, Mo. BUFF ROCKS, S. L. Wyandottes and S. S. Ham burgs. Good game, try me. J. E. HAYNES, Ames, Ill.

FOR SALE A few M. B. Toms and Pullete and some B. P. Rock Cockerels and Pullets. MRS. WM. BRITE, Monett, Mo. S. C. B. LEGHORNS—Fine, thrifty, farm grown Prices correct. Write to us C. S. Jenkins and Wife, Rocheport, Boone Co., Mo.

ced Prices—Pure bred poultry; # years ce; shipped fowls and eggs to almost ever; Mrs. Kate Griffith. Bowling Green. Mo PURE BLACK BREASTED RED GAMES.

Cockerels \$1.50, Hens \$1.00, Trie, \$3. Eggs in season, \$1.00 per 13. Mrs. L. M. MONSEES, LIMESTONE VALLEY FARM, SMITHTON, MO.

FOR SALE. SILVER-LACED WYANDOTTE COCHINS, scoring above 90. Cheap if taken at once-its JAMES M. R4GERS, ELBSERY, MO.

Choice Birds for Sale. White W yandottes from Dustin, direct; Barred-lymouth Rocks, Monarch Strain, Pekis Ducks straight from Steinmesch. Are as large and as lare as they grow. Are splendfd layers. Will sell at a hargain if taken soon. Satisfaction guaran-teed. MES. G. F. TERSCOTT, Winfield, Mo.



herbs, makes LEE'S EGG MAKER the best poultry food of all. Makes hens lay; chicks grow; cures dis-case. Big 25 lb, box 25 cts. 25 lb, pail 82.05. Gos. H. Lee Ca., Omaha, Neb., or No. 8 Park Place, N. Y. ARE YOUR HENS LAYING? "

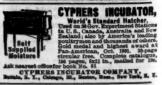
INCUBATORS AND BROODERS



Buff Rook candiagon. Call or write.
DWIGHT HART,
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Brilliant, Clean, Easily Applied, Absolutely Odorless.



LIQUID-BETTER YET! EIRE PROOF!

IMPROVED CHESTER WHITES all ages both sexus for sale. Ist. prize aged ar Mo. State Show as well as four other prizes, call H. RAUSCHER & SON, ASHTON. MO.

BERKSHIRES.

Largo Sactish Berkshire Pigs, per pair, 618.00. Two artra good Shorthorn bull calvos. Write me for pri-cos. J.B. BURGESS, Macedonia, Pheipe Co., Mc.

ARCH ENGLISH BERKSHIRES 46.00 buys ARCH a pig of cither cer; best of breeding. B. F. E. Chickens; White Turkoys. GEO. W. McINTOSH, Monett, Mo.

POLAND-CHINAS.

WALNUT Valley Farm Herd-Poland Chinas, Black U. S. Chief Perfection and and Tecum-sche at mod. prices. Ernest. W. Wallen, Monett, Mo.

POLAND-CHINAS. Gilt-odge pecti-vidual merit combined. R. L. ORGAH, Carmi, White Co., III. FANCY WEANLING GILTS

VIVION & ALEXANDER,

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y. Send for our catalogue.
JNO. HEDGES & SON, Pana. III.

DUROC-JERSEYS.

810 2 HRRDS Duroc-Jersey and Chester White Hogs. Top individuals. No sereen-ings crated. Write for let-live prices. J. E. HAYNES, Ames, Ill.

Duroc-Jersey and Berkshire flegs! Breeding, Satisfaction guaranteed or you may return at my expense. C. WAGENER, Pana, Ill.

**DUROC-JERSEYS** and W. P. ROCKS. Choice young stock for sale. Address. B. S. THOMAS, B. P. D. No. 4. Carthage, Mo.

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# RUPTURE The Pig Pen

NOTES FROM A MISSOURI FARM.

Editor RURAL WORLD: In a recent issue of your paper Mr. C. D. Lyon says he helped to kill one lot of hogs that had been fed on old corn, and that their intestines were full of worms. Their owner, he said, is a strong believer that hogs should be well supplied with said. ashes, coal, etc., and that his hogs are always wormy; that he killed two hogs at home that had never been salted, ashed or coaled, and were free from worms, so he has not much faith in feeding "such stuff" as mentioned. Such statements are apt to be misleading to inexperienced feeders. If he considers his statement a correct syllogism, allow me to furnish one: The heaviest loss of hogs in this county that I have ever known has been within the past six months. On the eight different farms that adjoin mine they have each lost from \$5 to 76\$ M ALEXANDER
FULLTON, MO.
Again, some 30 years ago, within
the best strains of Poland-Chica borfor sale stall these.

POLAND-CHINAS,
Registered Yarding and Agod Soveof hass broading. First do gray to a stall the same of the sale shows and the choisers and had been
or a year. Why hogs were turned
in all the same. About every three weeks
the sale from the Ashley steam mill was
lowed by hogs. The owner of the farm
advised me not to bring hogs there, as
his hogs had the choisers and had been
or a year. Why hogs were turned
of a lass broading. First is discussed.

POR SALE,

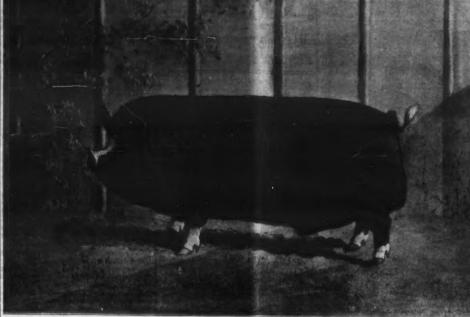
North Hill POLAND CHINAS.

NY HILL POLAND CHINAS.

THE ALTON'S ENGINEER.

If you will sain of the tail end all the man himself is to blame, and you will hear the person who, with pigs. The sows are cross, are atting their pigs, and some have died in farrow. At least nine times out of ten the man himself is to blame, and you will hear him bemoan his fate. He has no luck. There are lots of men trusting to luck and they are at the tail end all the time. And when they talk with a person who is reasonably successful with hogs. I can't raise hogs. Guess I will change breed," and so on. Any breed of hogs will run out under improper can and shiftless methods.

The up-to-date hog man looks after every detail and studies their wants in every way. He knows when every sow the APICTURE, ASTATILIZED, OF THE APICTURE, ASTATILIZED, OF THE APICTURE, ASTATILIZED, OF THE CONTROLLER, OF T



passer ago one of your oldest patrons furning in the way. Many passes ago one of your oldest patrons furning in the dust information on sheep industry that has been worth 40 years? subscription to your paper. So it is in behalf or younger farmers that this is written. As an owner of longs for 40 years I have never lost one form disease.

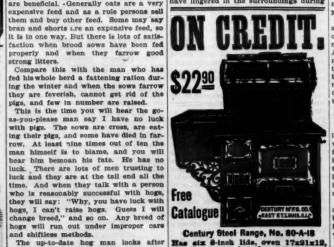
If the house and like as not will use all these months? Can we hear from the come expression like this: "The sow farmer lost of the long of the sheep than the book of the sheep than the sheep than the book of the sheep than the sheep

ment Station, has demonstrated the value of the latter.

Intelligent treatment of the hog will have returns in dollars and cents.—Chicago Live Stock World.

WINTER CARE OF HOGS.

Upon the fall and winter management of hogs depends the future profit of the coming crop of the solid state of the solid state of the bounding of the solid state of the boundings of the solid state of the solid state of the boundings of the solid state of the solid state of the boundings of the solid state of the solid state



against sheep killing curs by shooting an occasional cur that presented a good mark J. A. Morris of Atlants bought some Angora goats. He found that these animals, while friendly with sheep, fought the stray dogs to a finish. Not only so, but their pugilistic spirit spread to the rams, which had formerly been afraid of the dogs, and so the flock was doubly protected.

SHEEP FEEDING IN NEBRASKA.



THE HAYNER DISTILLING CO. 305-307 S. Seventh St., ST. LOUIS, MO. 226-232 West Fifth St., DAYTON, OHIO.



PUBLIC SALE

# Berkshire Swine

KANSAS CITY, MO., FRIDAY, FEB. 14, 1902.

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## **KANSAS**

Is certainly a great State. Her crops are magnificent, and her climate unsurpassed. Her people are a hospitable set, and you would feel at home among them. Incidentally, the world's hest markets are the pext door best markets are the next door neighbors. Like a regular web, the intersecting and numerous

Messouri Pacific Railway

cover the State. A book, illustrated, and really giving infor-mation in regard to Kansas, its past achievements and its possi-bilities, will be sent gratis by H. C. Townsend, General Passen-ger and Ticket Agent, St. Louis.

## ANGORA GOATS FOR SALE!

oned goats that I will sell at a reasonable price. I am in a position to fill any orders satisfactorily from any standpoint. Address W. T. McINTIRE, Agent, Kansas City Stock Yards, Kansas City, Mo.

FINE BERKSHIRES

Of the best families at farmers' prices. Write for what you want, or, what is better, come and inspect the stock.

W. H. KER, Prairie du Rocher, Ilis.

Cedar Lawn, E. H. Rodgers. Proprietor. Sreeder of registered Shropshire Sheep, Poland China Hogs and Shorthorn Cattle. Also Mammoth Sronze Turkeys and Barred Rock Chickens.

BUNCETON, MO.

FOR SALE—Big Chief I know, 26,289, the first draft for \$100.00 gets him, the largest "I known" boar living, will weigh in show shape 1,000 lbs., with as good action as any pig, was 3 years old Sept. 28, is strictly black, six White Points and is guaranteed to be all right in every respect.

JOHN L. CLARK, Bolivar, Mo.

DUROC-JERSEY HOGS. 40 choice Gilts, lengthy and deep bodied, bred for March and April farrow. A thrifty lot of fall Pigs and Boars ready for service for sale. Prices reasonable.

S. Y. THORNTON, Blackwater, Mo. FOR SALE—P. C. Boars and Gilts of April farrow. Gilts bred to Ideal,
a worthy son of Ideal Tecumseh 50997A. Breeding up to
date and individually good. M. B. Turkeys of best strains.
Young Toms weigh 18 to 25 lbs., at \$3 to \$4 each; hens \$2. C. H. Jones, Pawnee,
Sangamon Co., Ill., Breeder P. C. Hogs, M. B. Turkeys and B. P. Rock Chickens.

BERKSHIRES Male pigs large enough for service, gilts either bred or open as wished at reasonable prices. Call on or write.

Harris & McMahan, LaMine, Mo. sheep for years have drawn the line at A GOOD CHANCE.-Incalling attention

sheep for years have drawn the line at mullen and thistles, eating everything teles. Farmers whose farms are infested with cockleburs tell us that they will eat even these when young and tender, but not when they have been allowed to develop burs.

As soon as the heavy frosts begin to fall the sheep should be housed at night and not turned out in the morning until the frost disappears.

Keeps the lambs growing; they will never recover from a setback.

# The Markets

ter dull. No. 2 selling at 79680c and Turkey not salable above \$2c; No. 2 at 78679c. No. 3 spring at \$8c. CORN—Cash Market—Opened firm and higher. Sales by sample, del.—No. 2 at 656%c this side; No. 3 at 64%063%c E. and 666 this side; No. 4 at 62%c E. side; No. 2 yellow at 66c this side; No. 8 while at 66%c E. side on the cob at 67c for yellow and 66c for white.

HAY--Price E. trk. as follows; Timothy \$14.50@15 for choice, \$12@14 for No. 1. \$12.50 @13 for No. 2; clover \$11.50@12; clover mixed \$12.50@13 for No. 1 and \$11@12 for No. 2; prairie this side \$14 for choice and \$14@14.50 for No. 1 and \$11.50@13 for No. 2;

### PRICES ON 'CHANGE.

The following tables show the range of prices on future and cash grains:
Closed Ranged Closed
Saturday. Yesterday. Yesterday 85% **988% 9**14 85% **98**6 79 **981** 79 b ...88% a.

July ...81%@% b 6514@6714 65% b July ...66%@% b Oats-May ...481/4 b 471/4@481/4 471/4 b July ...40% b @ 30% n Cash wheat, corn and cats ranged; Yesterday. Saturday. Year Ago

No. 3 red... 33½G39 89 G89½ 70 G72
No. 4 red... 37½G88 88 G88½ 65 G60
No. 2 hard..79 G83 79½G84½ 63½G699
No. 3 hard..79 G81 80 G52 G7½G68 No. 2 mixed.65 @.... 64%@65 87%@ No. 2 white....@.... 66 @66½n 38¾@39 No. 3 mixed.63½@64 63½@64½ 37 @67½ 4 mixed.62½@63½ 63 @63½ 36½@37 3 white.66½@ 66 @66½ 38½@38% 2 yellow....@.... 65 @65½ 37½@.... No. 8 yellow.64 @61% 64%@66 37%@... Oats— No. 2 mixed.48½@.... 49 @.... 25%@26 No. 2 mixed.48½@...... 49 @..... 25½@26 No. 2 north.48½@..... 49 @..... 25½@26 No. 2 white.49 @.... 48½@49½ 28 @.... 

COTTON—Local spot quotations—Ordi-nary, 611-16c; good ordinary, 75-16c; low middling, 711-16c; middling, 715-16c; good middling, 83-16c; middling fair, 89-16c. WOOL—Firm and tending upward, with a fairly active demand. Offerings from

first hands light.

Missouri and Illinois—Combing and

22c; burry, 14@15c. EGGS Current receipts at 23c, loss off,

for near-by; receipts 479 cars, 307 through; hipments 115 cases. BUTTER—Steady. Quotations: Cream-

-Extra 24625c; firsts, 21622c; seconds Dairy—Extra 19@20c; firsts 15@ ountry—Choice 12@13c; poor to fair choice roll 13c; poor to fair 10@ ease 4c. Ladle-packed—Extra 16c; Signic; choice roll asc, post to the packed—Extra 16c; firsts 15c. CHEESE—Jobbing: Twins at 11c; singles 11½c; dairies 11½c; Y. A. 12c; long horns 12c; N. Y. large 10½c; N. Y. small

No. 2 12@13c. Brick 121/2@13c. LIVE POULTRY - Mixed chickens,

choice 8c; old roosters 31/2c; capons 10@11c. Turkeys-Average receipts 10c per

DRESSED POULTRY-Scalded and unor the heads and legs on: Chickens—Choice 7681/c; roosters 5s; capons 12 (915c. Turkeys—Choice 111/c; rough 163c less. Ducks 10/91c. All poor stock, including sweating, thin, scrawny, etc., rowthal Cours 1666.

30c per quart for refrigerator stock; 35@ 40c for choice. APPLES-Current receipts selling from

\$1.50 to \$3 per bbl.; fancy stock higher. From storage Ben Davis held at \$3.25@3.85, and winesap and willowtwig \$3.50@4.50

per bbl.

POTATOES—Quote Northern: Choice lots 79@90c; medium at 70@75c; Colorado \$1@\$1.0; early Ohio \$1.15. Seed stock—Red cut rose \$9@\$6c; triumph \$90c.

ONIONS—Choice near-by yellow at \$1.20 gl.38 an trk.; \$1.45 del.; white at \$1.50; red globe \$1.40gl.46 in bulk, \$1.50 in sks.

WHITE BEANS—Hand-picked pea beans in a small way from store at \$1.88

HONEY-Comb: Dark at 668c; bright amber, 10611c; white clover, white alfalfa, 15616c. Strained: Southern, in barrels, at 4c to 44c; cans 4466c; California cans,

PEANIS—No kind over 8c.

PEANITS—Quote: Farmers' stock—Red at 1%@2c per pound; white at 3c.

WALNUTS—Selling at 25c per bushel.

HICKORY NUTS—Quotable per bushel at 30c for large and 50c for shellbark.

SORGHUM CANE SEED—Nominal at 25.50 per 1-00 pounds.

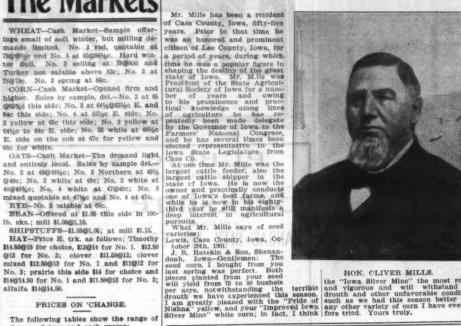
2.50 per 1-00 pounds.

SORGHUM—Prime new quotable at 80c

GRASS SEEDS-Timothy at 16 to 16.20 old for prime new. Millet to arrive \$2.50 62.75 bid. Hungarian at \$2.50. Clover nominally higher at \$9.60 for clean, high-

Has been used for over sixty years but the common. Only a few bunches here that can be termed good, and none strictly choice or fancy. Best steers here sold for 88.06. Receipts at Chicago heavy all week, and is the best remedy for diarrhean. Sold by Druggists in every part of the world. Be sure and sak for "Mrs. Winslow's Solds ing Syrup," and take so other kind. Twesty-weight of the world. Be sure and sak for "Mrs. Winslow's Solds ing Syrup," and take so other kind. Twesty-weight of the world and the most of the state of the state

THE SEED CORN QUESTION.
What One of Iowa's Most Prominent Farmer's says of Ratekin's Seed Corn.



HON. CLIVER MILLS.

DRIED FRUIT—Apples—These sold at 3½c to 5½c for sun-dried quarters and at 6c to 8c for evaporated rings. Chops at 1½c 101½c. Peaches—Sun-dried haives at 1½c to 1½@2c. Demand for stockers and feeders good. Receipts heavier than last week, but principles.

ligitic. Peaches—Sun-dried haives at 152 to 15/422.

t

HORSES—The market had a pretty liberal supply to feature the operations of the week, not only as regarded receipts for the day's auction, but numbers of additional consignments that came in for later disposition. The trade opened with many signs of life that were apparently more substantial than at any time since the revival in trade set in three weeks ago. There was a general attendance of buyers from all quarters, those from the East and from the rural districts predominating. Consequently there was a strong in the substantial than at any time since the revival in trade set in three weeks ago. There was a general attendance of buyers from all quarters, those from the East and from the rural districts predominating. Consequently there was a strong HORSES-The market had a pretty liband active demand on all the decent qualities of chunks, drivers and, in fact, reg-ular market class that exhibited decent quality. The market was further strengthened as compared with last week by the renewal of orders for British cavalry horses, which, approximating what are usually called "top Southerners," sold in competition with the Southern demand and brought more remunerative prices than during any part of last week. The Southern trade opens fair, but is still not up to the proportions which must develop

than during any part of last week. The Southern trade opens fair, but is still not up to the proportions which must develop to make the medium classes sell higher. Horse quotations: Heavy draft-Coramon to good, \$1220160; choice to extra, \$100 (1856). Chunks-1,150 to 1,350 lbs., fair to good, \$38500; good to choice, \$850110. Coach horses and cobs-Fair to good, \$140 (175; choice to extra, \$200,6500. Horses for the South-Small, light drivers, fair to good, \$300,455; choice to extra, \$200,6500. Horses for the South-Small, light drivers, fair to good, \$300,455; choice to extra, \$200,6500. Horses for the South-Small, light drivers, fair to good, \$300,455; choice to extra, \$200,6500. Horses for the South-Small, light drivers, fair to good, \$300,455; choice to extra, \$200,670; Southern drivers, large, \$360,670; Southern buyers, \$300,670; Southern buyers, \$300,670; Southern buyers, \$300,670; Southern buyers, \$300,670; Southern buyers looking and south at \$410,675.10, and the majority of them were fed. Cows and helfers \$300,680; fancy gaited and New York saddlers, \$3160,690. Inferior horses-Common, small plugs, \$200,670; Southern buyers looking around for encouragingly than last week. There were more Southern buyers looking around for supplies than have appeared on any opening day this season and knowledge of this fact lent a better spirit to dealers in their

MULES—The market opened much more encouragingly than last week. There were more Southern buyers looking around for supplies than have appeared on any opening day this season and knowledge of this fact lent a better spirit to dealers in their the company of the buying operations. The commission sup-ply of mules was fairly large and includ-which has been a usual thing for many weeks past. The tone generally was more

sisgifice. Strained: Southern, in barrels, at to 4\( \frac{1}{2} \) c to 4\( \frac{1}{2} \) c cans 4\( \frac{1}{2} \) Germany weeks pair. The tone generally was more bouyant.

BROOM CORN—Nominally firm. Quote per ton: Fair, \$39 and \$35; choice, \$30\( \frac{1}{2} \) one per ton: Fair, \$39 and \$35; choice, \$30\( \frac{1}{2} \) one per ton: Fair, \$30 and \$35; choice, \$30\( \frac{1}{2} \) one per ton: BONES—Choice bleached at \$15 per ton; other kinds from \$10 to \$14\$.

POP CORN (on cob)—Choice white pearl \$4\( \frac{1}{2} \) hands, extreme range... \$500\( \frac{1}{2} \) one per ton. \$500\( \frac{1}{2} \) one ob for 100 pounds; rice worth \$4\( \frac{1}{2} \) mixed, \$2\( \frac{1}{2} \) 50.

PECANS—No kind over \$c.

PEANUTS—Selling at \$2c.

WALNUTS—Selling at \$2c.

WALNUTS—Quotable per bushel at \$30 c for large and \$50 c for shellbark.

SORGHUM CANE \$2\( \frac{1}{2} \) Seep to bushel at \$30 c for large and \$50 c for shellbark.

SORGHUM CANE \$2\( \frac{1}{2} \) Seep to bushel at \$30 c for large and \$50 c for shellbark.

ST. LOUIS NATIONAL STOCK YARDS.

Market Report Furnished by Evans-Snider-Buel Company.

CATTLE-Receipts in native division very light. Quality and finish of beef cat-tle common. Only a few bunches here

grade; inferior \$6 to \$7; redtop at \$5 to \$9. to supply same. Bulk of cow and helfer

medium, 20c; No. 2, 10c; trashy worthless.
Red fox—No. 1 large, \$1.25; No. 1 medium,
50c; No. 2, 40c; No. 3, 20c; No. 4, 10c; open,
10@20 per cent. less. Otter—No. 1 large,
\$77; No. 1 medium, \$8; No. 2, \$6; No. 3, \$\$;
No. 4, \$1.50. Wolf—Pratire, 50c; timber,
50c@41.50. Extreme Southern skins 15 per
cent. less, and Northern 15@20 per cent.
more.

LIVE STOCK.

best, \$5@6.40; steers, 10c0 to 1190 pounds
average, full range, \$12.806.55; bulk sol at
\$3.806.10; feeding steers, fair to choice,
\$3.806.10; feeding steers, fair to choice,
\$3.806.10; feeding steers, fair to choice,
\$3.806.25; common to choice stockers,
\$3.806.40; ublk at \$3.356.10; feeding steers, fair to choice,
\$3.806.25; common to choice stockers,
\$3.806.40; steers, 10c0 to 1190 pounds
average, full range, \$2.806.50; bulk of sales at
\$4.906.50; steers weighing less than 1000
pounds, full range, \$2.806.55; bulk sold at
\$3.806.10; feeding steers, fair to choice,
\$3.806.10; feeding steers, fair to cho the market; choice native heifers sell at \$4.25@4.75; but there have been very few pounds, with the bulk at \$2.50@3.00; bulls, full range, \$2.40@4.25; bulk of sales \$3@3.50; stocker buils sold at \$2.50@3.75, the buik at \$2.90@3.50. During the week the milkers

HOGS Owing to the unevenness of recelpts for the week just ending, pri have fluctuated widely, and the near

year. Best bucks, 1392.55.

MONDAY, January 20, 1992.—Cattle—Receipts in native division light, prices 199
15c higher. Quarantine receipts liberal; prices steady to strong. Chicago reported 19,000 and their market considerably higher than the close of last week. The deciline there last week was much hevier than here.



chickens were frozen, something al. It was nice and warm Christ-reek, which gave a chance to get in order and ready for the next

The wheat is all right and gives promise of a big crop. Plowing is well adhanced. In less than two months it will be in order to sow cats. Stock is doing well and there will be plenty of roughage to carry it through. Farmers are feeding wheat in place of corn, but it doesn't give the satisfaction that corn does.

I am feeding 122 head of sheep on corn fodder, one shock a day, and cat straw and a light feed of sheef cats. I expect to raise my flock to 200 head in the spring.

Then I will be ready to try my hand at seeding and shipping to market. My greatest anxiety is what to do for passengers and the second control of the second carries of the second c altivation, and this is a hard country in which to get tame grass stands. I have been sowing clover for the last three This last summer killed the most I sowed \$25 worth of seed last of it. I sowed \$5 worth of seed last pring and lost it all. My 3-year-old clorer field is very good. I sowed timothy ome years ago and got a field that lasted ix years for mowing. I have sowed a tew field each year, only to lose it. Sometimes I sowed the seed in the fall and hen again in the spring. It would come up well, but the dry weather would kill tout. This fall I walted until the first of October, then the weather was cooler, of October, then the weather was cooler, though the fall was rather dry. I had a nice prospect when winter set in. I would like to hear from others as to the best time to sow. I will sow alfalfa next fall and will follow the advice given by the experiment station in preparing the ground and sowing. H. BELLAIRS.

### A TENNESSEE LETTER.

Montgomery Co., Kan.

Editor Rural World: The winter here ing over a slow fire in a small pot hung thus far has been very mild, very little in a larger one filled with water. Add snow, no wind, no weather colder than a considerable rain, stir well, and let it stand a few days gero. There has been considerable rain, capecially in December. The Tennessee River was 31 feet above low water mark. No damage was done to property here, but on the tributaries, Holston and French Broad rivers, and others streams in upper East Tennessee, there was considerable loss of property. In one river (the Wautauga, I believe), there were several thousand bushels of standing corn washed away. pelieve), there were several thousand oushels of standing corn washed away. It is the opinion of many farmers that

all winter crops have been injured by the continued freezing and thawing, especially have winter oats and barley suffered from this cause. Ones and banky states from this cause. Farmers are plowing now and have been, except during the three or four weeks of extremely wet weather, and the time when the ground was grosen. Feed is very scarce. Western timothy is \$19 per ton; corn, \$0c; oats, 45c. There are

a great many dairy cattle kept here, nearly ali Jerseys. Knoxville is a manufacturing town and requires a great quantity of dairy products. Butter sells at 20 to 25c; eggs, 25 to 36c; apples, out of wagons, 90c to \$1.00; potatoes, from wagon, 75c to \$1; sweet potatoes, 50c. There seems to be plenty of produce on the markets, brought in by farmers and sold in the market place. Sorgum molasses, beans, lye hominy, kraut, sage, roots and herbs, sausage, ribs, backbones, dressed chickens, turkeys, quali and rabbit, all of this produce finds ready sale on this market. Farmers do not pay license a great many dairy cattle kept here, nearly raddit, all of this produce made ready sale on this market. Farmers do not pay license for selling produce on the street, so the merchants must compete for the trade.

A large number of farmers has left this part of the state for Oklahoma and Indian Territory in the last two years, severa train loads have gone West to find nev homes. Many farms are abandoned on account of the poor soil. The corn crop here last year was very light; the dry weather being largely the cause. Wheat, outs and hay were good, but are not extensively raised, not enough to supply home demands.

Knox Co., Tenn.

OKLAHOMA NOTES.

Editor RURAL WORLD: Possibly your

there is such a place as Dewey county, Okla. We think this is a grand country Okla. We think this is a grand country for farming. We can raise almost any and of a crop here—corn, Kaffir corn, mile maize, wheat and cotton, also nearly all kinds of fruit. Land has been cheap but is advancing rapidly. The prospect for wheat is not as good as it has been owing to lack of rain. Stock is doing well and there will be plenty of feed to take and there will be plenty of feed to take it through the winter. Hogs are very scarce owing to curn being high. Most of the hogs were incished on wheat. Success to the good old RURAL WORLD Jan. 14, 1902. J. HARRIS.

Solution of the second of the statement and the schools of this country. Each editoral given to this subject has brought hundreds of letters, most of them not only acknowledging the wrong, but adding, as wellding, as selected five places where the office will assist in building object lesson roads: Buffallo, N. Y.; Cumberiand, Md.; Charfello, N. W.; Charlelo, N. W ceipts in native division light, prices 100
15c higher. Quarantine receipts liberal; prices steady to strong. Chicago reported 19,000 and their market considerably higher than the close of last week. The decline there last week was much hevier than here.

HOGS—Receipts moderate, market 5010c higher than close of last week.

SHEEP — Receipts light, market 15c higher than last week's closing prices.

MR. L. D. WELLS wrote to this office requesting us to give him the post offices of some people whom he named. If he will write us again and give us his post office for a market sign and counties to the general gor to meet the consentity increasing demunds for practical assistance, the director suggests the organisation of wor three outfits of read-making and graders, etc., to be sent to the various places which have asked for the co-operation of the department and where preparations have been made for actual conditions and the construction. Each of these works and a competent people whom he named. If he will write us again and give us his post offices of some people whom he named. If he will write us again and give us his post office and the proposition for making a rabbit trap, also for one that will write us again and give us his post office.

RABBITT TRAP.—A correspondent from Grant City, Mo., desires directions for mak-ing a rabbit trap, also for one that will catch quall.

### AN OUT-DOOR WHITEWASH.

houses, can be effectively used on many buildings, is as follows:

Take half a bushel of unslaked lime. Slack it with boiling water. Cover during the process to keep in steam. Strain the liquid through a fine sleve or strainer. Then add to it a peck of salt, previously dissolved in warm water; three pounds of ground rice boiled to a thin paste and stirred in while hot; half a pound of Spanish whiting and one pound of clean glue, previously dissolved by of clean glue, previously dissolved by soaking in cold water, and then by hang-

An exchange tells of a good plan adopted by a farmer to provide himself with
cold storage at a small cost. He dug a
square shaft 12 feet deep and four square
in the ground. In this shaft he packed
ice every winter after the ground became
frozen around it, filling the hole nearly to
the top. He has a house built over the
shaft and as the warm weather comes
on susmends his relief of with and every. n suspends his pails of milk and every-hing he desires to keep at a low temperground around it being thoroughly frozen the ice melts very slowly during the sea son, and usually lasts until into Septem ber. He has pursued this course for sev eral years and finds it serves an excell purpose at an insignificant expense.

## LITERARY NOTES.

Maartens' strong domestic tragedy, "Her Father's Wife," but all have love for a

eive the best books without any cost to dvertisement of the Country Home Pubishing Co. in this issue, and it is well

Probably no other class of people suffer nore with rhoumatism than farmers, and tet the remedy for this dreadful disease s, or should be, right at hand. It is cel-ivy. Probably the dwellers in your sunny ilmate are not much troubled with rheu-natism, but they have nervous debility as It should be eaten, preferably, cooked

Children will like it poured over boiled po-tatoes, or it may be drained from the sauce, mixed with mashed potatoes, form-ed into little cakes and browned.

abellish the east end of the President's ouse at Washington and that is used

by the Government to whitewash lightses, can be effectively used on many

The February number of the Woman's Home Companion will contain a pictur-esque article on the great New Orleans Carnival of Mardi Gras. It will be su-perbly illustrated.

If the old saying, "All the world loves a lover," is true, then the fiction in The Cosmopolitan for January should be popular, indeed. All the stories vary in treatment, plot and action, from Frances Courtenay Baylor's charming story, "Cupid's Practical Joke," to Maarten Maartens' strong domestic tragedy. "Her

hem except the shipping charges. We Thanksgiving prune is certainly the long sall the attention of our readers to the

systems so prevalent among the schools of this country. Each editorial given to this



ARE NOT WHAT THEY 一个 SEEM." "A chain is : Seams are the "weak links" in metal boxes when Bond Steel Post Co., Adrian, Mich

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WHITE PLYMOUTH ROCKS. ither sex, \$1 each, 6 for \$5.50. Eggs \$1 per core card with every bird. Address TOM VICKERS, Walker, Vernon Co., Mo.

ARTICHOKES J. E. HAYNES, Ames, Ill.

Prize Winning Partridge Cochins For Sale Ist Cock Mo. State Fair; and Cock Mo. State Poul-try Show; 2nd Cockerel Mo. State Poultry Show; 3s each; Buff Cochen Hens; also others. J. A. HEETHER, Huntsville, Mo.

FOR SALE. fine lot of Buff Plymouth Rock Cockerels and ilets. Write for prices. Eggs in season \$3 per 13. JOHN G. WEBER, Marine, 111.

of wisdom and humor, and throws a new light on what might be called the ro-mantic side of the business. "The Uses of Weeds" is a very interesting contribu-tion relating to the results achieved by our government in adapting poisonous and destructive weeds to useful purposes. This article contains some very unexpect-ed information on a too much neglected subject. (Street and Smith, Publishers.)

will also plant a large acreage of canta loupes and tomatoes. Experienced me have been employed to grow plants and instruct the farmers in the latest and most scientific methods of farming.

## A FINE KIDNEY REMEDY

Mr. A. 8. Hitchcock, East Hampton, Conn. (The Clothier), says if any sufferer from Kidney or Bladder Disease will write him he will tell them what he used. He has nothing to sell or give; only directs you to a simple home cure that does the work.

GREEN'S NURSERY COMPANY.

The spring catalog for 1902 of Green's Nursery Company of Rochester, N. Y., has just been received. The front cover page, which is embellished with a spray of the Thanksgiving prunes, will arrest sather's Wife," but all have love for a learning theme.

BOOKS ARE NECESSARY to the intelectual development and happiness of every community. But books are expensive and free circulating libraries have ean possible in the large towns and cities only. An opportunity is now given clillage and farming communities to results the sate of the sat well known to horticulturists,

The very full description of many of the worth consideration.

At intervals duiring the past few years the editor of The Ladies' Home Journal has attacked the "cramming" and "pushing" systems so prevalent among the schools of the state of th A CHANCE FOR SWINE RAISERS.

We take particular pleasure in calling our readers' attention to the advertisement of Messrs. T. N. Sutton & Son. of Mason City, Ill., who are advertising for sale this year their fire-dried seed corn. They are offering again this year the varieties that gave such general satisfaction last year. They were unable to fill all their orders last season, as their supply was exhausted. They inform us that their corn this year is very fine and is a second to the supply was exhausted. They inform us that their corn this year is very fine and is a second to the supply was exhausted. They inform us that their corn this year is very fine and is a supply was exhausted. They find must be a fine of the supply was the supply of the supply of the supply of the supply was the supply of the supply



RECEIVED COLD MEDAL THE HIGHEST AWARD

> Buffalo, 1901 but its work there in the Model Dairy

**EXCELLED EVERYTHING** Those who want the Best The Kind That Gets All the Cream."

GRAPE VINES OUR PORTLAND, N.

This Tubular Fence Post



SEEDS!

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